

POSTED DATE: January 10, 2025
Council Members - please RSVP your absence to this meeting ASAP to 920-846-4505
or to dclerk@ci.ocontofalls.wi.us.

**CITY OF OCONTO FALLS
COMMON COUNCIL MEETING**
Council Chambers – Municipal Building
500 N. Chestnut Avenue - Oconto Falls, WI 54154
TUESDAY, JANUARY 14, 2025, 6:00 PM
AGENDA

COUNCIL:

**Mayor Clint Braun
Mathew McDermid
Jeff McDonald
Tim Holman**

**Ashley Bahrke (President)
Marty Coopman
Devin Wirtz**

STAFF

**Peter Wills, Administrator
Jenny Friedman, Deputy Clerk
Brad Olsen, Police Chief**

- 1. Meeting Called to Order**
- 2. Pledge of Allegiance**
- 3. Roll Call**
- 4. Approval of Minutes -Common Council 12.10.25**
- 5. Treasurer's Report-November**
- 6. Bills Payable – December**
- 7. Reports: Written reports submitted**
 - ✓ Administrator Report
 - ✓ Police Department Report
 - ✓ Municipal Court Report
 - ✓ Fire Department Report
 - ✓ Street Department Report
 - ✓ Building Inspector Report
 - ✓ Library Report
- 8. OPPORTUNITY FOR CITIZENS TO ADDRESS THE COUNCIL - Citizen in-pur will be limited to 3 minutes.**
Memorial of Honorable Larry Jeske re; Deputy Clerk Friedman

DISCUSSION AND POSSIBLE ACTION ON ANY OR ALL OF THE FOLLOWING:

9. Committee Reports

Board of Review N/A
Emergency Management Committee Report-N/A
Finance Committee N/A
Joint Review Board N/A
Library Board- N/A
Main Street Committee Report 12.18.24
Park & Recreation Committee Report-N/A

Personnel Committee Report N/A
Planning Commission Report N/A
Ordinance Commission N/A
Utility Commission Report 12.16.24

Old Business:

10. WI DOA NEIGHBORHOOD INVESTMENT GRANT- FIRE STATION PROJECT UPDATE

Re: Fire Chief Magnin/Administrator Wills

11. Columbia Street Reconstruction Project Updates

Re: Utility Manager Kuhn/Street Supt Remic

12. 782 N. Main Street -Former Hardees Status Update

Re: Admin Wills

13. City Hall Boiler & HVAC Recommendation

Re: Administrator Wills

A. ACC Boiler Replacement two Lochnivar 400 Boilers \$58,413.00

B. ACC Trane 30 Ton Air Conditioner Replacement \$82,015.00
\$140,428.00

C. Annual Maintenance Agreement \$3,114.72/year

14. City Hall Technology, Key cards & Cameras Recommendation

Re: Administrator Wills/Mike Frievalt

A. YEALINK Meeting Board \$10,991

B. Keycard System & Camera Controller \$10,483

C. City Hall Cameras \$21,287

D. Four Facilities cameras conversion \$13,126.80

Total for Upgrades \$55,887.70

15. Oconto Falls Municipal Utilities Bucket Truck purchase by City

Re Administrator Wills/Utility Manager Kuhn

A. Authorize the City to purchase OFMU Bucket Truck using \$20,000 of the Utilities 30% =
\$42,128 portion of City Hall Boiler & HVAC upgrades.

16. Street Department Brine Storage Tank & Stainless Pump

Re: Street Supt Remic

A. Brine Storage Tank

B. Stainless Steel Pump

17. Former Fire Station 98 Jackson Street use by Street Dept

Re: Street Supt Remic/Administrator Wills

NEW BUSINESS

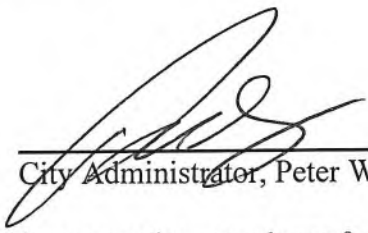
18. RESOLUTION 25-01 a Resolution authorizing 2025 salary increases for employees following 2025 Budget.

Re Administrator Wills

19. Oconto Falls Municipal Utilities Sewer Rate Case

Re: Utility Manager Kuhn

20. Adjournment



City Administrator, Peter Wills/JF

Notice was given to the public at least 24 hours prior to this open meeting - agenda was forwarded to newspapers and any news media who have requested the same – agenda was posted at City Hall, Oconto Falls Community Library, and on the City website at: cityofocontofalls.com . Copy of agenda packet is available for inspection at the Office of the City Clerk.

Any person wishing to attend the meeting who requires special accommodations because of a disability should contact the Clerk's office at 920-846-4505 with adequate notice so appropriate accommodations can be made.

**CITY OF OCONTO FALLS
COMMON COUNCIL
MEETING**

Council Chambers – Municipal Building
500 N. Chestnut Avenue - Oconto Falls, WI. 54154
DECEMBER 10, 2024 – 6:00 pm
MINUTES

1. Meeting called to order at 6:00pm by Mayor Clint Braun
2. Pledge of Allegiance
3. Roll Call Present: Aldermen: Marty Coopman, Jeff McDonald, Ashley Bahrke, Tim Holman

Also Present: Mayor Clint Braun, Administrator Peter Wills, Deputy Clerk Jenny Friedman, Street Superintendent Wally Remic, Library Director Rachel Pascoe, Warren Bluhm with Time Herald, Utility Manager Greg Kuhn, Michelle Tester, Mike Faucet

Absent: Mathew McDermid and Devin Wirtz

4. **Approval of Minutes** - Common Council 11.12.24 Public Hearing, 11.12.24

MOTION: Bahrke/Coopman

Motion to approve the minutes as presented for the Common Council 11.12.24 Public Hearing, 11.12.24.

Voice Vote: All present voting aye - **MOTION CARRIED**

5. **Treasurer's Report-October**

MOTION: Holman/McDonald

Motion to approve the Treasurer's report for October as presented and placed on file as presented.

Voice Vote: All present voting aye - **MOTION CARRIED**

6. **Bills Payable – November**

MOTION: Bahrke/Holman

Motion to approve the Bills Payable as presented for November and place on file.

Voice Vote: All present voting aye - **MOTION CARRIED**

7. **Reports: Written reports submitted**

- ✓ Administrator Report
- ✓ Police Department Report
- ✓ Municipal Court Report
- ✓ Fire Department Report
- ✓ Street Department Report

Street Superintendent Wally Remic informed the council that they will be working on getting the ice rink up and running this week.

- ✓ Building Inspector Report
- ✓ Library Report

MOTION: Bahrke/Holman

Motion to place reports as presented on file.

Voice Vote: All present voting aye - **MOTION CARRIED**

- 8. OPPORTUNITY FOR CITIZENS TO ADDRESS THE COUNCIL** - Citizen in-put will be limited to 3 minutes.

DISCUSSION AND POSSIBLE ACTION ON ANY OR ALL OF THE FOLLOWING:

9. Committee Reports

- Board of Review N/A
- Emergency Management Committee Report-N/A
- Finance Committee N/A
- Joint Review Board N/A
- Library Board- N/A
- Main Street Committee Report N/A
- Park & Recreation Committee Report-N/A
- Personnel Committee Report N/A
- Planning Commission Report 11.06.24,12.03.24
- Ordinance Commission N/A
- Utility Commission Report 11.18.24

MOTION: Bahrke/Coopman

Motion to place reports on file.

Voice Vote: All present voting aye - **MOTION CARRIED**

Old Business:

- 10. WI DOA NEIGHBORHOOD INVESTMENT GRANT- FIRE STATION PROJECT UPDATE**

- B. Timeline for emptying 98 Jackson St Station
- The Fire Station on 98 Jackson St has been cleaned out.

No Action Taken

- 11. Columbia Street Reconstruction Project (CDBG-PF) Community Development Block Grant- Public Facilities Contract PF 24-17 \$1,000,000.**

MOTION: Coopman/Holman

Motion to approve Columbia Street Reconstruction Project (CDBG-PF) Community Development Block Grant- Public Facilities Contract PF 24-17 \$1,000,000.

Voice Vote: All present voting aye - **MOTION CARRIED**

12. Oconto Falls Municipal Utilities Annexation Driveway for Utility Substation Doc# 768590
0.406 Acres Part of Parcel# 40-30300010322

- a. Planning Commission Public Hearing held December 3, 2024 5:00pm.

There were no complaints or concerns from citizens at the public hearing that was held on December 3, 2024 5:00 pm by Planning Commission. Planning Commission found no reason for this annexation to not go through and recommended it to council.

- b. ORD 24-011 Oconto Falls Municipal Utilities Annexation Substation Driveway of Doc# 768590 0.406 Acres Part of Parcel# 40-30300010322

MOTION: Bahrke/McDonald

Motion to approve Ordinance 24-011 Oconto Falls Municipal Utilities Annexation Substation Driveway of Doc #768590 0.406 Acres Part of Parcel # 40-30300010322.

Voice Vote: All present voting aye - **MOTION CARRIED**

13. 782 N. Main Street -Former Hardees Status Update

- A. Public hearing on Slum & Blight held August 20, 2024

- B. Resolution 24-012 Determination of Slum & Blight 782 N Main St

Mr. Faucett gave an update on the 782 N. Main Street- Former Hardees. Edna&M's is still on track to open up in the 2025 year to do food manufacturing.

NO ACTION TAKEN

14. Oconto Falls Municipal Utilities Bucket Truck

The old 2005 F550 Utility Bucket Truck is no longer needed by the Oconto Falls Municipal Utilities. This could be utilized by the Street Department the utilities would still do the inspections on it.

MOTION: Coopman/Bahrke

Motion to support buying or in-kind purchase of 2005 F550 Utility Bucket Truck from the Oconto Falls Municipal Utilities to be determined in the year 2025. With terms of twenty thousand dollars in cash or thirty thousand in-kind.

Voice Vote: All present voting aye - **MOTION CARRIED**

NEW BUSINESS

15. Street Dept Brine Equipment Quote Total \$31,935

- a. Brine Sprayer & Equipment \$19,385.00
b. Brine Storage Tank \$12,100.00

The DNR has been monitoring how much salt the municipalities are using and where the salt goes in the environment. DNR is encouraging municipalities to go to brining. The brining and pretreating of the streets will save Oconto Falls about ten to twenty tons of salt usage. The sprayer equipment and storage tank would slide into the back of the city's current trucks. The Brine Storage Tank does not make the brine it is strictly for holding the brine. The brine would come from the county. Questions that were asked;

- How many miles of roads can you do with the two-hundred-and-fifty-gallon tank? *About 15miles per running mile.*
- How long do you think it would take to treat the whole city? *Estimated at twenty-five miles per hour about two maybe three hours to brine.*
- How much does the city pays a year for salt? *Seventy to eighty thousand dollars a year in salt.*
- How many hours in advance of a snow coming do you brine? *Up to twelve hours advance.*
- If it happens on a weekend can our budget support someone extra coming in. *It would help cut back on the clean up after a storm and would help there.*
- Is there salt from last year to use yet? *Yes*
- The money used for this would be coming from the extra borrowed for the street sweeper that was not all needed? *Yes*
- Is this in stock to receive right away? *The demo one that was looked at was sold and they will have to order in another one and should have in a week or two possibly four weeks at most.*
- How hard is it to hook up? *It slides right in the truck and hook up a couple hoses.*
- Dose the street department know how to run this equipment already? *Yes*

MOTION: McDonald/Holman

Motion to approve purchasing Brine Sprayer Equipment for \$19,385.00.

ROW CALL: McDonald-aye, Holman-aye, Bahrke-aye, Coopman-aye, Absent: McDermid, Wirtz- **MOTION CARRIED**

16. Two-year Operators License- Rose Staidl,

MOTION: Holman/McDonald

Motin to approve the two-year operator's license for Rose Staidl.

Voice Vote: All present voting aye - **MOTION CARRIED**

17. The Committee may go into closed session to discuss matters of employment, promotion, compensation, or performance evaluation data of public employees pursuant to 19.85 (1C) Wis. Stats.

Re: Police Department

MOTION: Bahrke/McDonald

Motion to go into closed session at 6:50pm regarding discuss matters of employment, promotion, compensation, or performance evaluation data of public employees pursuant to 19.85 (1C) Wis. Stats.

Voice Vote: All present voting aye - **MOTION CARRIED**

Those remaining in closed session Bahrke, Coopman, McDonald, City Administrator Peter Wills, Police Chief Brad Olsen, Mayor Clint Braun, Deputy Clerk Jenny Friedman.

18. The Committee will return to open session and may take action on matters discussed in closed session.

Re: Police Department

MOTION: Bahrke/Holman

Motion at 6:58pm to return into open session and may take action on matters discussed in closed session.

Voice Vote: All present voting aye - **MOTION CARRIED**

NO DISCUSSION

19. The Committee may go into closed session regarding public property negotiations under Wis. Stat. §19.85(e) deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session.

Re: Former Fire Station 98 Jackson St

MOTION: Coopman/Holman

Motion to go into closed session at 6:59pm in regarding public property negotiations under Wis. Stat. §19.85(e) deliberating or negotiating the purchasing of public properties, the investing of public funds, or conducting other specified public business, whenever competitive or bargaining reasons require a closed session.

Voice Vote: All present voting aye - **MOTION CARRIED**

Those remaining in closed session Bahrke, Coopman, McDonald, City Administrator Peter Wills, Utility Manager Greg Kuhn, Street Superintendent Wally Remic, Mayor Clint Braun, Deputy Clerk Jenny Friedman

20. The Committee will return to open session and may take action on matters discussed in closed session.

Re: Former Fire Station 98 Jackson St

MOTION: Holman/Coopman

Motion at 7:30pm to return into open session and may take action on matters discussed in closed session.

Voice Vote: All present voting aye - **MOTION CARRIED**

NO DISCUSSION

21. Adjournment

Mayor Clint Braun asked if there was any further business before the meeting is adjourned. Having no further business, he declared the meeting adjourned at 7:31pm.

City Administrator Peter Wills

TREASURER'S REPORT

November-24

General Fund

November 1, 2024	Cash Balance	\$ 265,385.74
	Add: Cash Receipts	9,522.58
	Add: Tax Receipts	-
	Add: Hwy/Connection Aids	-
	Add: Exempt Computer Aids	-
	Add: State Shared Revenue	488,438.43
	Add: Video Service Provider Aid	-
	Add: 2% Fire Dues	-
	Add: Personal Property Aid Pmt	-
	Add: Trailer Park Lottery Credit	-
	Add: Pmt for Municipal Svcs	-
	Add: Utility Reimbursement	-
	Add: Expenditure Restraint Payment	-
	Add: Interest from CD's	-
	Add: Interest	17.63
	Add: Loan Proceeds	-
		<hr/>
		\$ 763,364.38
	Minus: CK Disbursements	201,090.88
	Minus: PR Disbursements	123,215.00
	Minus: PR Taxes	38,762.92
	Minus: Bond Principal	240,000.00
	Minus: Bond Interest	12,928.75
	Minus: NSF Check	-
	Minus: PNB Loan Pmts	4,279.00
	Minus: To Water & Sewer Bond Proceeds/SA pybk	-
	Minus: Bank Service Fees	178.87
	Minus: Utility Bond Princ/Int owed	-
November 30, 2024	Cash Balance	<hr/> <hr/> \$ 142,908.96
November 1, 2024	Cash Balance In LGIP	\$ 33.92
	Add: Interest in LGIP	\$ 0.13
	Minus: Transfers	\$ -
November 30, 2024	Balance in Local Government Investment Pool	<hr/> <hr/> \$ 34.05

Investment CD's

Issued 12/8/21	5.35% Matures 12/30/24	\$ 109,000.00
Issued 10/31/2023	5.6000% Matures 4/30/2025	\$ 98,000.00
Issued 10/3/2024	4.7920% Matures 11/14/2024	\$ 139,000.00
Money Market	4.3500%	\$ 2,707.21
		<hr/> <hr/> \$ 348,707.21

Fire Dept Equipment Fund \$ 4,434.59

DEC 2024 PAYROLL

13770-13823	Payroll Direct Deposit	\$ 66,143.67
	Payroll Checks	\$ -
		<hr/> <hr/> \$ 66,143.67

Report Criteria:

Report type: GL detail
 Check.Type = {<>} "Adjustment"

Check Number	Check Issue Date	Payee	Invoice Number	Check Amount	Description	Invoice GL Account
2749						
2749	12/26/2024	DEPT OF EMPLOYEE TRUST FUN	JANUARY H	14,982.57	M UTILITY HEALTH INSURANCE	62100-15600-00-000-630
2749	12/26/2024	DEPT OF EMPLOYEE TRUST FUN	JANUARY H	3,156.31	M CITY HEALTH INSURANCE	62100-51400-10-151-000
2749	12/26/2024	DEPT OF EMPLOYEE TRUST FUN	JANUARY H	9,276.80	M STREET DEPT HEALTH INS	62100-51900-25-151-000
2749	12/26/2024	DEPT OF EMPLOYEE TRUST FUN	JANUARY H	14,386.76	M PD HEALTH INSURANCE	62100-51900-15-151-000
2749	12/26/2024	DEPT OF EMPLOYEE TRUST FUN	JANUARY H	2,691.38	M FD HEALTH INSURANCE	62100-51900-20-151-000
2749	12/26/2024	DEPT OF EMPLOYEE TRUST FUN	JANUARY H	1,148.02	M LIBRARY HEALTH INSURANCE	62100-13100-10-000-468
Total 2749:				45,641.84		
2750						
2750	12/26/2024	WE ENERGIES	11/14/2024 0	105.25	M CITY HALL NATURAL GAS	62100-52100-15-223-000
2750	12/26/2024	WE ENERGIES	11/14/2024 0	105.25	M CITY HALL NATURAL GAS	62100-51400-10-223-000
2750	12/26/2024	WE ENERGIES	11/14/2024 0	105.25	M CITY HALL NATURAL GAS	62100-15600-00-000-630
2750	12/26/2024	WE ENERGIES	11/14/2024 0	13.69	M ST GARAGE NATURAL GAS	62100-53100-25-223-000
2750	12/26/2024	WE ENERGIES	11/14/2024 0	62.74	M ST MECH SHOP NATURAL GAS	62100-53100-25-223-000
2750	12/26/2024	WE ENERGIES	11/14/2024 0	20.50	M ST SHOP NATURAL GAS	62100-53100-25-223-000
2750	12/26/2024	WE ENERGIES	11/14/2024 0	8.91	M FIRE DEPT NATURAL GAS	62100-52200-20-223-000
2750	12/26/2024	WE ENERGIES	11/14/2024 0	8.91	M PARK SHELTER NATURAL GAS	62100-55200-40-223-000
Total 2750:				430.50		
2751						
2751	12/26/2024	WISCONSIN RETIREMENT SYSTE	NOVEMER 2	1,920.23	M CITY RETIREMENT	62100-51400-10-154-000
2751	12/26/2024	WISCONSIN RETIREMENT SYSTE	NOVEMER 2	1,920.23-	V CITY RETIREMENT	62100-51400-10-154-000
2751	12/26/2024	WISCONSIN RETIREMENT SYSTE	NOVEMER 2	3,130.76	M STREET RETIREMENT	62100-51900-25-154-000
2751	12/26/2024	WISCONSIN RETIREMENT SYSTE	NOVEMER 2	3,130.76-	V STREET RETIREMENT	62100-51900-25-154-000
2751	12/26/2024	WISCONSIN RETIREMENT SYSTE	NOVEMER 2	8,497.84	M PD RETIREMENT	62100-51900-15-154-000
2751	12/26/2024	WISCONSIN RETIREMENT SYSTE	NOVEMER 2	8,497.84-	V PD RETIREMENT	62100-51900-15-154-000
2751	12/26/2024	WISCONSIN RETIREMENT SYSTE	NOVEMER 2	1,261.16	M FD RETIREMENT	62100-51900-20-154-000
2751	12/26/2024	WISCONSIN RETIREMENT SYSTE	NOVEMER 2	1,261.16-	V FD RETIREMENT	62100-51900-20-154-000
2751	12/26/2024	WISCONSIN RETIREMENT SYSTE	NOVEMER 2	835.98	M LIBRARY RETIREMENT	62100-13100-10-000-468
2751	12/26/2024	WISCONSIN RETIREMENT SYSTE	NOVEMER 2	835.98-	V LIBRARY RETIREMENT	62100-13100-10-000-468
2751	12/26/2024	WISCONSIN RETIREMENT SYSTE	NOVEMER 2	7,461.83	M UTILITY RETIREMENT	62100-15600-00-000-630
2751	12/26/2024	WISCONSIN RETIREMENT SYSTE	NOVEMER 2	7,461.83-	V UTILITY RETIREMENT	62100-15600-00-000-630

Check Number	Check Issue Date	Payee	Invoice Number	Check Amount	Description	Invoice GL Account
Total 2751:				.00		
2752						
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	207.53	M PD GAS	62100-52100-15-451-000
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	44.58	M CITY CLEANING SUPPLIES	62100-51400-10-300-476
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	44.61	M UTILITY CLEANING SUPPLIES	62100-15600-00-000-630
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	44.61	M PD CLEANING SUPPLIES	62100-52100-15-300-476
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	49.12	M ELECTION EXPENSES	62100-51440-10-000-000
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	37.37	M CITY OFFICE SUPPLIES	62100-51400-10-300-000
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	429.00	M CITY ADMIN ICMA TRAINING	62100-51400-10-000-450
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	547.48	M PD DODGE CHARGER CONSOLE BOX	62100-16200-00-000-000
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	47.00	M FD OFFICE SUPPLIES	62100-52200-20-300-000
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	24.92	M PD TRAINING LUNCH	62100-52100-15-000-450
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	20.00	M CITY ADMIN EMER PROCEDURES TRAINING	62100-51400-10-000-450
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	13.95	M FD GAS	62100-52200-20-451-000
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	31.65	M HALLOWEEN CANDY	62100-52100-15-000-000
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	21.60	M FD GOOGLE SVCS	62100-52200-20-304-000
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	271.85	M PD UNIFORM	62100-52100-15-193-000
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	140.00	M ST DEPT TOOLS	62100-53230-25-000-000
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	1,314.35	M LIBRARY CC CHARGES	62100-13100-10-000-468
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	15.10	M AMAZON RETURNS	62100-51400-10-300-000
2752	12/26/2024	CHASE CARD SERVICES	1994 11/28/2	3.08	M SLS TAX REFUND	62100-51520-10-000-000
Total 2752:				3,271.44		
2753						
2753	12/26/2024	WISCONSIN RETIREMENT SYSTE	NOVEMBER	1,920.23	M CITY RETIREMENT	62100-51400-10-154-000
2753	12/26/2024	WISCONSIN RETIREMENT SYSTE	NOVEMBER	3,130.76	M STREET RETIREMENT	62100-51900-25-154-000
2753	12/26/2024	WISCONSIN RETIREMENT SYSTE	NOVEMBER	8,497.84	M PD RETIREMENT	62100-51900-15-154-000
2753	12/26/2024	WISCONSIN RETIREMENT SYSTE	NOVEMBER	1,261.16	M FD RETIREMENT	62100-51900-20-154-000
2753	12/26/2024	WISCONSIN RETIREMENT SYSTE	NOVEMBER	835.98	M LIBRARY RETIREMENT	62100-13100-10-000-468
2753	12/26/2024	WISCONSIN RETIREMENT SYSTE	NOVEMBER	7,461.83	M UTILITY RETIREMENT	62100-15600-00-000-630
Total 2753:				23,107.80		
2754						
2754	12/26/2024	DELTA DENTAL	DEC 2024 D	133.17	M UTILITY VISION INSURANCE	62100-15600-00-000-630
2754	12/26/2024	DELTA DENTAL	DEC 2024 D	105.18	M PD VISION INSURANCE	62100-51900-15-153-000

Check Number	Check Issue Date	Payee	Invoice Number	Check Amount	Description	Invoice GL Account
2754	12/26/2024	DELTA DENTAL	DEC 2024 D	73.18	M STREETS VISION INSURANCE	62100-51900-25-153-000
2754	12/26/2024	DELTA DENTAL	DEC 2024 D	40.93	M ADMIN VISION INSURANCE	62100-51400-10-153-000
2754	12/26/2024	DELTA DENTAL	DEC 2024 D	11.42	M FD VISION INSURANCE	62100-51900-20-153-000
2754	12/26/2024	DELTA DENTAL	DEC 2024 D	5.72	M LIBRARY VISION INSURANCE	62100-13100-00-000-000
2754	12/26/2024	DELTA DENTAL	DEC 2024 D	40.12	M UTILITY DENTAL	62100-15600-00-000-630
2754	12/26/2024	DELTA DENTAL	DEC 2024 D	64.82	M PD DENTAL INSURANCE	62100-21530-00-158-000
Total 2754:				474.54		
2755						
2755	12/26/2024	EFLEXGROUP, INC	IN3322535	606.00	M 2025 FSA RENEWAL FEE	62100-16200-00-000-000
2755	12/26/2024	EFLEXGROUP, INC	IN3322535	19.92	M PD ADMINISTRATION FEES	62100-16200-00-000-000
2755	12/26/2024	EFLEXGROUP, INC	IN3322535	6.64	M ST DEPT ADMINISTRATION FEES	62100-16200-00-000-000
2755	12/26/2024	EFLEXGROUP, INC	IN3322535	6.64	M UTILITY ADMINISTRATION FEES	62100-15600-00-000-630
Total 2755:				639.20		
2756						
2756	12/26/2024	EFLEXGROUP, INC	IN3327443	787.44	M 2025 NON DISCRIMINATION TESTING	62100-16200-00-000-000
Total 2756:				787.44		
2757						
2757	12/26/2024	WE ENERGIES	12/16/2024	276.42	M CITY HALL NATURAL GAS	62100-15600-00-000-630
2757	12/26/2024	WE ENERGIES	12/16/2024	276.42	M CITY HALL NATURAL GAS	62100-51400-10-223-000
2757	12/26/2024	WE ENERGIES	12/16/2024	276.42	M CITY HALL NATURAL GAS	62100-52100-15-223-000
2757	12/26/2024	WE ENERGIES	12/16/2024	179.63	M ST GARAGE NATURAL GAS	62100-53100-25-223-000
2757	12/26/2024	WE ENERGIES	12/16/2024	242.01	M ST MECH SHOP NATURAL GAS	62100-53100-25-223-000
2757	12/26/2024	WE ENERGIES	12/16/2024	281.59	M ST SHOP NATURAL GAS	62100-53100-25-223-000
2757	12/26/2024	WE ENERGIES	12/16/2024	57.18	M FIRE DEPT NATURAL GAS	62100-52200-20-223-000
2757	12/26/2024	WE ENERGIES	12/16/2024	55.16	M FIRE DEPT NATURAL GAS	62100-52200-20-223-000
2757	12/26/2024	WE ENERGIES	12/16/2024	10.89	M PARK SHELTER NATURAL GAS	62100-55200-40-223-000
Total 2757:				1,655.72		
37329						
37329	12/31/2024	WI DARE OFFICERS ASSOCIATIO	JAN 2025 DA	1,250.00-	V JAN 2025 DARE OFFICERS TRAINING	62100-52100-15-000-226

Check Number	Check Issue Date	Payee	Invoice Number	Check Amount	Description	Invoice GL Account
Total 37329:				1,250.00-		
37330						
37330	12/12/2024	CASH	2024 TAX DR	500.00	2024 TAX DRAWER	62100-11800-00-000-000
Total 37330:				500.00		
37332						
37332	12/19/2024	ABBI REMIC	EXPENSE R	9.68	CERTIFIED MAIL REIMBURSEMENT	62100-51400-10-302-000
Total 37332:				9.68		
37333						
37333	12/19/2024	ACCURATE APPRAISAL LLC	5046	2,250.00	MONTHLY ASSESSMENT FEE	62100-51530-10-214-000
Total 37333:				2,250.00		
37334						
37334	12/19/2024	AMUNDSEN DAVIS LLC	794048	1,189.96	CITY LEGAL FEES-AHLGRIM SUMMONS	62100-51300-10-211-000
Total 37334:				1,189.96		
37335						
37335	12/19/2024	AT&T MOBILITY	2872869131	203.60	PD CELLPHONE & MOBILE BROADBAND	62100-52100-15-221-473
37335	12/19/2024	AT&T MOBILITY	2873360861	42.14	FD CELLPHONE	62100-52200-20-221-472
37335	12/19/2024	AT&T MOBILITY	2873360861	127.96	FD BROADBAND	62100-52200-20-304-000
Total 37335:				373.70		
37336						
37336	12/19/2024	CATHY RECKELBERG	2024 K9 RAF	100.00	2024 K9 RAFFLE 8TH PLACE	62203-52100-15-000-228
Total 37336:				100.00		
37337						
37337	12/19/2024	CINTAS CORPORATION	4212471132	61.49	ST DEPT PARKS BATHROOM SUPPLIES	62100-55200-25-303-000

Check Number	Check Issue Date	Payee	Invoice Number	Check Amount	Description	Invoice GL Account
Total 37337:				61.49		
37338						
37338	12/19/2024	CIVIC SYSTEMS, LLC	INV-01675	300.00	AP CASELLE CONNECT ADD IN	62100-51400-10-304-000
Total 37338:				300.00		
37339						
37339	12/19/2024	DEVIN & ASHLEY WIRTZ	TAX BATCH	312.67	TAX BATCH 2 REFUND	62900-21100-00-000-000
Total 37339:				312.67		
37340						
37340	12/19/2024	ENVIRONMENTAL EQUIPMENT &	17425	268,840.00	2024 STREET SWEEPER	62100-16200-00-000-000
Total 37340:				268,840.00		
37341						
37341	12/19/2024	GARY STEFFENS	2024 K9 RAF	250.00	2024 K9 RAFFLE 5TH PLACE	62203-52100-15-000-228
Total 37341:				250.00		
37342						
37342	12/19/2024	HANAWAY ROSS LAW FIRM	36777.2202	203.50	CITY LEGAL FEES	62100-51300-10-211-000
Total 37342:				203.50		
37343						
37343	12/19/2024	ILYA DAYTER	2024 K9 RAF	500.00	2024 K9 RAFFLE 4TH PLACE	62203-52100-15-000-228
Total 37343:				500.00		
37344						
37344	12/19/2024	INTERSTATE ALL BATTERY CENTE	1903101016	759.80	FD LADDER 1311 BATTERIES	62100-52200-20-242-000
Total 37344:				759.80		

Check Number	Check Issue Date	Payee	Invoice Number	Check Amount	Description	Invoice GL Account
37345						
37345	12/19/2024	JANE E MEISSNER	PR25-26 202	900.66	PR25 & 26 BUILDING INSP FEES	62100-52400-21-120-000
Total 37345:				900.66		
37346						
37346	12/19/2024	JOE LEBRECK	2024 K9 RAF	750.00	2024 K9 RAFFLE 3RD PLACE	62203-52100-15-000-228
Total 37346:				750.00		
37347						
37347	12/19/2024	LEAGUE OF WISCONSIN MUNICIPAL	10380 11/21/	1,339.16	2025 LEAGUE DUES	62100-16200-00-000-000
Total 37347:				1,339.16		
37348						
37348	12/19/2024	LORIS JOHNS	2024 K9 RAF	100.00	2024 K9 RAFFLE 6TH & 7TH PLACE	62203-52100-15-000-228
Total 37348:				100.00		
37349						
37349	12/19/2024	MARGENE MCCOLLUM	2024 K9 RAF	500.00	2024 K9 RAFFLE TICKET WINNER 2ND PLACE	62203-52100-15-000-228
Total 37349:				500.00		
37350						
37350	12/19/2024	MATTHEW J DETAEGE	TAX BATCH	193.89	TAX BATCH 2 REFUND	62900-21100-00-000-000
Total 37350:				193.89		
37351						
37351	12/19/2024	MC CLONE	12357	35,170.00	24/25 WC POLICY PMT 2	62100-16200-00-000-000
37351	12/19/2024	MC CLONE	12357	25,299.00	24/25 GEN LIAB, CRIME, AUTO POLICIES PMT 2	62100-16200-00-000-000
Total 37351:				60,469.00		
37352						
37352	12/19/2024	MSA PROFESSIONAL SERVICES I	011526	6,722.50	COLUMBIA STREET FINAL DESIGN/BIDDING	62401-57331-25-000-284

Check Number	Check Issue Date	Payee	Invoice Number	Check Amount	Description	Invoice GL Account
Total 37352:				6,722.50		
37353						
37353	12/19/2024	MUNICIPAL ASSESSMENT SOFTW	1006	87.50	MONTHLY PERMIT PORTAL SUBSCRIPTION	62100-52400-21-304-000
37353	12/19/2024	MUNICIPAL ASSESSMENT SOFTW	1007	87.50	MONTHLY PERMIT PORTAL SUBSCRIPTION	62100-52400-21-304-000
37353	12/19/2024	MUNICIPAL ASSESSMENT SOFTW	1008	87.50	MONTHLY PERMIT PORTAL SUBSCRIPTION	62100-52400-21-304-000
37353	12/19/2024	MUNICIPAL ASSESSMENT SOFTW	1009	87.50	MONTHLY PERMIT PORTAL SUBSCRIPTION	62100-52400-21-304-000
37353	12/19/2024	MUNICIPAL ASSESSMENT SOFTW	1010	87.50	MONTHLY PERMIT PORTAL SUBSCRIPTION	62100-52400-21-304-000
Total 37353:				437.50		
37354						
37354	12/19/2024	NEW MEDIA	92E348D8-0	16.07	CITY PUBLICATIONS	62100-51400-10-301-000
Total 37354:				16.07		
37355						
37355	12/19/2024	NSIGHT TELSERVICES	ACCT 300 12	32.65	UTILITY TELEPHONE	62100-15600-00-000-630
37355	12/19/2024	NSIGHT TELSERVICES	ACCT 300 12	74.96	PD TELEPHONE	62100-52100-15-221-472
37355	12/19/2024	NSIGHT TELSERVICES	ACCT 300 12	32.65	BLD INSPECTOR TELEPHONE	62100-52400-21-221-472
37355	12/19/2024	NSIGHT TELSERVICES	ACCT 300 12	32.65	JUDGE TELEPHONE	62100-51200-10-221-472
37355	12/19/2024	NSIGHT TELSERVICES	ACCT 300 12	208.26	CITY TELEPHONE	62100-51400-10-221-472
37355	12/19/2024	NSIGHT TELSERVICES	ACCT 700 12	34.43	STREETS TELEPHONE	62100-53100-25-221-472
Total 37355:				415.60		
37356						
37356	12/19/2024	OCONTO COUNTY TREASURER	NOVEMBER	220.00	NOVEMBER COURT FINES AND FEES	62100-24200-00-000-000
Total 37356:				220.00		
37357						
37357	12/19/2024	OCONTO FALLS AUTO SUPPLY	14425-4943	29.43	ST DEPT PARTS & SUPPLIES	62100-53230-25-000-000
37357	12/19/2024	OCONTO FALLS AUTO SUPPLY	14425-5042	9.76	FD CONNECTOR & CABLE TIES	62100-52200-20-242-000
37357	12/19/2024	OCONTO FALLS AUTO SUPPLY	14425-5410	13.78	FD OIL	62100-52200-20-242-000
37357	12/19/2024	OCONTO FALLS AUTO SUPPLY	14425-5765	30.17	C34 DIESEL EXHAUSE FLUID AND WIPERS	62100-53240-25-000-000

Check Number	Check Issue Date	Payee	Invoice Number	Check Amount	Description	Invoice GL Account
Total 37357:				83.14		
37358						
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	452.88	CITY HALL EWS	62100-15600-00-000-630
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	452.88	CITY HALL EWS	62100-51400-10-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	452.88	CITY HALL EWS	62100-52100-15-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	151.86	E SIDE BEACH EWS	62100-55420-40-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	543.32	ENCLOSED EWS	62100-55200-40-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	20.58	FIRE DEPT ELEC	62100-52200-20-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	1,044.09	FIRE DEPT EWS	62100-52200-20-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	270.69	FIRE DEPT EWS	62100-52200-20-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	26.64	FISHING DOCK ELEC	62100-55420-40-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	106.86	PVE PAVILLION EWS	62100-55200-40-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	133.49	RECYC CTR ELEC	62100-53100-25-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	16.71	SALT SHED ELEC	62100-53100-25-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	32.96	SOFTBALL FIELD LIGHTS	62100-55200-40-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	2,529.82	ST LIGHTS ELEC	62100-53420-25-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	46.10	WELCOME SIGN ELEC	62100-51400-10-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	19.67	WELCOME SIGN ELEC	62100-51400-10-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	16.48	238 N MAPLE ELEC	62100-53100-25-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	258.98	212 GB AVE EWS	62100-53100-25-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	83.67	213 GB AVE EWS	62100-53100-25-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	104.76	PINE GROVE EWS	62100-55200-40-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	59.60	W SIDE BEACH ELEC	62100-55420-40-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	52.87	TUBING HILL ELEC	62100-55200-40-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	46.33	ATHL FLD ELEC	62100-55200-40-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	16.48	ATHL FLD FLOOD ELEC	62100-55200-40-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	9.03	SNR CTR YARD LIGHT ELEC	62100-54200-30-000-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	16.59	MONROE ST AVE SHED	62100-55300-40-220-000
37358	12/19/2024	OCONTO FALLS WATER & LIGHT	DEC 8 2024	209.55	MECH SHOP EWS	62100-53100-25-220-000
Total 37358:				7,175.77		
37359						
37359	12/19/2024	OLD DOMINION BRUSH	9263965	4,377.53	STREET SWEEPER PARTS	62100-53240-25-000-000
Total 37359:				4,377.53		

Check Number	Check Issue Date	Payee	Invoice Number	Check Amount	Description	Invoice GL Account
37360						
37360	12/19/2024	PACKERLAND WEBSITES LLC	ACCT 00010	31.92	ST DEPT WATER	62100-53100-25-000-481
37360	12/26/2024	PACKERLAND WEBSITES LLC	ACCT 00010	31.92- V	ST DEPT WATER	62100-53100-25-000-481
Total 37360:				<u>.00</u>		
37361						
37361	12/19/2024	PAULA LEIER-ENGELHARDT	356	546.25	LANDFILL TESTING AND REPORTING	62100-53630-25-341-461
Total 37361:				<u>546.25</u>		
37362						
37362	12/19/2024	PETER & DAWN FIEDLER	TAX BATCH	159.31	TAX BATCH 1 REFUND	62900-21100-00-000-000
Total 37362:				<u>159.31</u>		
37363						
37363	12/19/2024	PITNEY BOWES GLOBAL FINANCI	3320028955	135.58	UTILITY POSTAGE METER RENT	62100-15600-00-000-630
37363	12/19/2024	PITNEY BOWES GLOBAL FINANCI	3320028955	27.31	CITY POSTAGE METER RENT	62100-51400-10-302-000
37363	12/19/2024	PITNEY BOWES GLOBAL FINANCI	3320028955	7.64	ELECTION POSTAGE METER RENT	62100-51440-10-302-000
37363	12/19/2024	PITNEY BOWES GLOBAL FINANCI	3320028955	5.02	JUDGE POSTAGE METER RENT	62100-51200-10-302-000
37363	12/19/2024	PITNEY BOWES GLOBAL FINANCI	3320028955	4.01	FD POSTAGE METER RENT	62100-52200-20-302-000
37363	12/19/2024	PITNEY BOWES GLOBAL FINANCI	3320028955	5.03	STREET POSTAGE METER RENT	62100-53100-25-302-000
37363	12/19/2024	PITNEY BOWES GLOBAL FINANCI	3320028955	1.36	P&R POSTAGE METER RENT	62100-55200-40-302-000
37363	12/19/2024	PITNEY BOWES GLOBAL FINANCI	3320028955	6.78	PD POSTAGE METER RENT	62100-52100-15-302-000
37363	12/19/2024	PITNEY BOWES GLOBAL FINANCI	3320028955	1.04	LIBRARY POSTAGE METER RENT	62100-13100-10-000-468
Total 37363:				<u>193.77</u>		
37364						
37364	12/19/2024	PRAXIS CONSULTING	20101000	1,200.00	2025 QUICK CLERK MAINTENANCE	62100-16200-00-000-000
Total 37364:				<u>1,200.00</u>		
37365						
37365	12/19/2024	RED POWER DIESEL SERVICE	5281	5,969.50	FD FOAM SYSTEM SHOWING ERROR	62100-52200-20-242-000
37365	12/19/2024	RED POWER DIESEL SERVICE	5292	1,089.66	E1312 VALVES	62100-52200-20-242-000

Check Number	Check Issue Date	Payee	Invoice Number	Check Amount	Description	Invoice GL Account
Total 37365:				7,059.16		
37366						
37366	12/19/2024	ROB POSEWITZ	2024 K9 RAF	100.00	2024 K9 RAFFLE 9TH PLACE	62203-52100-15-000-228
Total 37366:				100.00		
37367						
37367	12/19/2024	SECURIAN FINANCIAL GROUP IN	JANUARY 20	83.29	CITY LIFE INSURANCE	62100-51400-10-152-000
37367	12/19/2024	SECURIAN FINANCIAL GROUP IN	JANUARY 20	148.12	PD LIFE INSURANCE	62100-51900-15-152-000
37367	12/19/2024	SECURIAN FINANCIAL GROUP IN	JANUARY 20	119.17	FD LIFE INSURANCE	62100-51900-20-152-000
37367	12/19/2024	SECURIAN FINANCIAL GROUP IN	JANUARY 20	145.90	STREETS LIFE INSURANCE	62100-51900-25-152-000
37367	12/19/2024	SECURIAN FINANCIAL GROUP IN	JANUARY 20	264.41	UTIL LIFE INSURANCE	62100-15600-00-000-630
Total 37367:				760.89		
37368						
37368	12/19/2024	STAILD OIL LLC	372017	839.57	284.6 GAL DIESEL	62100-16110-00-452-000
37368	12/19/2024	STAILD OIL LLC	372020	1,261.83	412.9 GAL GAS	62100-16110-00-451-000
37368	12/19/2024	STAILD OIL LLC	372020	944.88	320.3 GAL DIESEL	62100-16110-00-452-000
Total 37368:				3,046.28		
37369						
37369	12/19/2024	SUSAN MCDERMID	2024 K9 RAF	500.00	2024 K9 RAFFLE TICKET WINNER 2ND PLACE	62203-52100-15-000-228
Total 37369:				500.00		
37370						
37370	12/19/2024	TIM SCHULTZ	2024 K9 RAF	100.00	2024 K9 RAFFLE 10TH PLACE	62203-52100-15-000-228
Total 37370:				100.00		
37371						
37371	12/19/2024	TODD LARSON	2024 K9 RAF	2,500.00	2024 K9 RAFFLE 1ST PLACE	62203-52100-15-000-228
Total 37371:				2,500.00		

Check Number	Check Issue Date	Payee	Invoice Number	Check Amount	Description	Invoice GL Account
37372						
37372	12/19/2024	TRUCK COUNTRY OF WISCONSIN	X202819541:	40.15	C34 SWITCH ROCKER WINDSHIELD HEAT	62100-53240-25-000-000
Total 37372:				40.15		
37373						
37373	12/19/2024	TYLER & LAUREN HISCHKE	TAX BATCH	363.92	TAX BATCH 2 REFUND	62900-21100-00-000-000
Total 37373:				363.92		
37374						
37374	12/19/2024	UNITED TRUE VALUE	ACCT 300 12	68.64	AIR COMPRESSOR RENTAL	62100-55200-25-240-000
37374	12/19/2024	UNITED TRUE VALUE	ACCT 300 12	7.77	ST DEPT PARTS & SUPPLIES	62100-53100-25-240-000
37374	12/19/2024	UNITED TRUE VALUE	ACCT 300 12	4.99	ST DEPT PARTS & SUPPLIES	62100-55200-25-240-000
Total 37374:				81.40		
37375						
37375	12/19/2024	WI COURT FINES & ASSESSMENT	NOV 2024	777.56	NOVEMBER COURT FINES & FEES	62100-24200-00-000-000
Total 37375:				777.56		
37376						
37376	12/19/2024	WISCONSIN CITY/COUNTY MANA	2025 RENE	145.00	2025 MEMBERSHIP RENEWAL	62100-16200-00-000-000
Total 37376:				145.00		
37377						
37377	12/19/2024	WPPI ENERGY	INV22156	4,057.92	2024 DYNAMICS SUPPORT	62100-51400-10-304-000
37377	12/19/2024	WPPI ENERGY	INV22156	507.24	2024 LIBRARY DYNAMICS SUPPORT	62100-13100-10-000-468
Total 37377:				4,565.16		
Grand Totals:				456,248.95		

Report Criteria:
 Paid transmittals included

Transmittal Number	Name	Check Number	Pay Per Date	Pay Code	Description	GL Account	Amount
Bi-Weekly - Online							
1							
1	EFTPS	2742	12/06/2024	74-00	FED/FICA TAXES SOCIAL SECURITY	62100-21511-00-15	3,147.97
1	EFTPS	2742	12/06/2024	74-00	FED/FICA TAXES SOCIAL SECURITY	62100-21511-00-15	3,147.97
1	EFTPS	2742	12/06/2024	75-00	FED/FICA TAXES MEDICARE Pay Peri	62100-21511-00-15	736.23
1	EFTPS	2742	12/06/2024	75-00	FED/FICA TAXES MEDICARE Pay Peri	62100-21511-00-15	736.23
1	EFTPS	2742	12/06/2024	76-00	FED/FICA TAXES FEDERAL WITHHOL	62100-21512-00-00	4,403.58
1	EFTPS	2746	12/20/2024	74-00	FED/FICA TAXES SOCIAL SECURITY	62100-21511-00-15	2,699.53
1	EFTPS	2746	12/20/2024	74-00	FED/FICA TAXES SOCIAL SECURITY	62100-21511-00-15	2,699.53
1	EFTPS	2746	12/20/2024	75-00	FED/FICA TAXES MEDICARE Pay Peri	62100-21511-00-15	631.33
1	EFTPS	2746	12/20/2024	75-00	FED/FICA TAXES MEDICARE Pay Peri	62100-21511-00-15	631.33
1	EFTPS	2746	12/20/2024	76-00	FED/FICA TAXES FEDERAL WITHHOL	62100-21512-00-00	3,962.40
Total 1:							22,796.10
2							
2	WI DEPARTMENT OF RE	2745	12/06/2024	77-00	STATE W/H TAXES STATE WITHHOLD	62100-21513-00-00	1,892.25
2	WI DEPARTMENT OF RE	2749	12/20/2024	77-00	STATE W/H TAXES STATE WITHHOLD	62100-21513-00-00	1,769.19
Total 2:							3,661.44
4							
4	TASC	2743	12/06/2024	40-01	FLEX HEALTH/DEPENDENT SECTION	62100-21100-00-00	265.92
4	TASC	2743	12/06/2024	40-01	FLEX HEALTH/DEPENDENT	62100-21100-00-00	76.37
4	TASC	2747	12/20/2024	40-01	FLEX HEALTH/DEPENDENT SECTION	62100-21100-00-00	266.15
4	TASC	2747	12/20/2024	40-01	FLEX HEALTH/DEPENDENT-UTILITY	62100-21100-00-00	76.60
Total 4:							685.04
5							
5	WI DEFERRED COMP	2744	12/06/2024	41-01	DEFERRED COMP/ROTH DEFERRED	62100-21100-00-00	200.00
5	WI DEFERRED COMP	2744	12/06/2024	41-02	DEFERRED COMP/ROTH ROTH DEFE	62100-21100-00-00	950.00
5	WI DEFERRED COMP	2748	12/20/2024	41-01	DEFERRED COMP/ROTH DEFERRED	62100-21100-00-00	200.00
5	WI DEFERRED COMP	2748	12/20/2024	41-02	DEFERRED COMP/ROTH ROTH DEFE	62100-21100-00-00	950.00
Total 5:							2,300.00
Total Bi-Weekly - Online:							29,442.58
Bi-Weekly - Paper							
7							
7	OCONTO FALLS PROFES	37331	12/06/2024	49-00	POLICE UNION DUES POLICE UNION	62100-21100-00-00	136.50
7	OCONTO FALLS PROFES	37378	12/20/2024	49-00	POLICE UNION DUES POLICE UNION	62100-21100-00-00	136.50
Total 7:							273.00
Total Bi-Weekly - Paper:							273.00
Grand Totals:							29,715.58

CITY OF OCONTO FALLS

500 NORTH CHESTNUT PO BOX 70

OCONTO FALLS, WI 54154-0070

PHONE: 920-846-4505

FAX: 920-846-4516



To: Mayor & City Council
From: Peter A. Wills, City Administrator
Date: January 2025
Re: Administrator's Report

Projects/Grants:

Columbia St Reconstruction Project

Street Department and Municipal Utilities will be working with MSA to mark trees on Columbia Street and begin removal to prepare for spring construction. Advance construction plans to start on the lift station in February. Working with Utility and Street Dept to develop letter for Columbia Street residents to update on construction timeline, review each property if laterals replacements are needed, inform of timeline for trees to be removed and coordinate planned detour route during construction.

City Hall Boiler & Air Conditioning Proposal

The Council packet includes ACC proposal for replacing the current boiler with two boilers and new 30-ton air conditioner. The \$58,413 for the two boilers and \$81,015 for the air conditioner total \$140,428, approximately \$30,000 under the amount budgeted and borrowed for.

Council Room Technology Upgrades -In the Council packet is proposal for 89 inch interactive white board for the council chambers. The white board that includes camera, microphone will enable improved presentations, virtual meetings and trainings.

City Hall Keycard entry and cameras-The key card system at City hall could no longer be updated, the operating system could not transfer from the old server to the new one. The current system will be upgraded from keycards to key fobs and camera will be added at the entry.

City Facilities Camera Upgrades – The City hall cameras will be replaced with high resolution cameras. The current placements will be reviewed to ensure covering the areas needed.



Oconto Falls Police Department
P.O. Box 70
500 North Chestnut Avenue
Oconto Falls, WI 54154
920-846-4500
Fax 920-846-4516

Monthly Report December 2024

Community Networking

Officers participated in two 8 hour trainings days at the Sheriff's Office covering a number of topics in January.

2024 call volume was at a record high climbing by almost 1100 calls for service.

2024 Call Total: 3514
2023 Call Total: 2418
2022 Call Total: 2426
2021 Call Total: 2567

The biggest increases were in self-initiated contacts such as building checks, traffic stops, and ordinance violations.

Activities/Enforcement

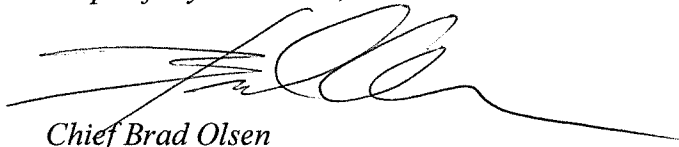
In the last month the Oconto Falls Police Department handled 296 calls for service. OFPD officers conducted 32 business/building checks after hours and found 0 unsecured door(s). OFPD also had 8 adult arrests, 1 juvenile arrest(s), and 11 citations.

OFPD had the following patrol/investigative miles:

2023-Main Marked	End of Month Mileage	37,041	Monthly Total:	3,443
2022-K9 Marked	End of Month Mileage	32,139	Monthly Total:	1,327
2020-SRO Squad	End of Month Mileage	80,441	Monthly Total:	279
2015-Un-Marked	End of Month Mileage	72,822	Monthly Total:	547

Oconto Falls Police Department was assisted by the following agencies in the last Month; Oconto County S.O., Oconto County Human Services, Oconto City Police Dept., Gillett Police Dept., Probation and Parole Oconto, Wisconsin State Patrol, and Oconto County D.A.'s office.

Respectfully Submitted,



Chief Brad Olsen



Oconto Falls Police Department

2024

Law Total Incident Report, by Nature of Incident

<u>Nature of Incident</u>	<u>Total Incidents</u>
911 Hangup	42
911 Open Line	66
Abandoned Vehicle	11
Assist Other Agency	52
Alarm	30
Request for ambulance	66
Animal Bite	15
Animal Found	17
Animal Lost	7
Animal Abuse-Neglect	1
Animal Noise	6
Animal Problem	55
Assault-Battery	3
Attempt to Locate	1
ATV Complaints	2
Insufficient Funds Check	2
Boat & Water Complaints	1
Building Check	447
Burglary	2
Carbon Monoxide Alarm	3
Child Abuse	4
Child Enticement	1
Citizen Assist	112
Citizen Dispute	7
Civil Matter	29
Coroner Call	17
Criminal Mischief	5
Property Damage	9
Custodial Interference	7
Death Investigation	7
Death Notification	2
Drug Endangered Children	2
Direct Traffic	9
Disorderly Conduct	8
Disturbance	58
Domestic Disturbance	12
Drug Investigation	1
Controlled Substance Problem	22
EM 1 Transport	28
Unknown Emergency	1

2024

<u>Nature of Incident</u>	<u>Total Incidents</u>
Extra Patrol	13
Fire	6
Fire Alarm	1
Fireworks	2
Found Property	23
Fraud	15
Fraud Using Internet	2
Attempted Fraud	8
Gas Drive Off	1
Gas Leak	1
Harassment	39
Human Services Issue/Call	1
Internet Crimes Against Chldrn	2
Identity Theft	1
Illegal Burning	2
Information Report	29
Intoxicated Person	11
Juvenile Problem	89
K9 Deployment	10
Sex Offense	3
Line Down	8
Litter, Pollutn, Public Health	2
Lockout	80
Lost Property	9
Miscellaneous CAD Call Record	5
Missing Person	3
Motorist Assist	8
Noise Disturbance	13
Open Doors/Windows	5
Open Records Request	4
Ordinance Violation	130
Overdose	3
Overnight Parking Violation	7
Parking Problem	41
Traffic Accident with Damage	55
Traffic Accident with Injuries	4
Probation or Parole Violation	1
Property Damage, Not Vandalism	12
Public Relations	107
Recovered Stolen Vehicle	1
Repossession	4
Road Closing	1
Runaway Juvenile	3
School Assist	1
School Safety Check	40
School Threat Assessment	14
Search Warrant	4
Secure Landing Zone	4
Service Papers	26
Sexual Assault	8

2024

<u>Nature of Incident</u>	<u>Total Incidents</u>
Shoplifting	2
Snowmobile Complaints	1
Street Department Call-Out	2
Structure Fire	2
Attempted/Threat Suicide	1
Suspicious Person, Circumstnce	161
Test Call	3
Theft	27
Theft, Automobile	3
Threatening	12
Tobacco Problem	18
Traffic Accident-No Report	10
Traffic Hazard	24
Traffic Miscellaneous	55
Traffic Violation	169
Traffic Stop	733
Transport	2
Tree Down	4
Trespassing	4
Truancy	12
Underage Alcohol	1
Unwanted Party	12
Utility Problem	9
Violate Court Order	7
Wanted Person	33
Weapon Offense	1
Welfare Check	173

Total reported: 3513

Report Includes:

All dates between `00:00:01 01/01/24` and `00:00:01 01/01/25`, All agencies matching `OFPD`, All natures, All locations, All responsible officers, All dispositions, All clearance codes, All observed offenses, All reported offenses, All offense codes, All circumstance codes



Oconto Falls Police Department

Law Incident Summary Report, by Nature

Agency: Oconto Falls Police Department

<u>Number</u>	<u>Time and Date</u>	<u>Nature</u>	<u>Address</u>	<u>Location</u>	<u>Dsp</u>
F24-03221	13:45:29 12/01/24	911 Hangup	747 E Highland Dr; The Cottages, Oconto Falls, WI	COF	ACT
F24-03340	07:23:40 12/13/24	911 Open Line	220 River St, Oconto Falls, WI	COF	ACT
F24-03456	20:35:24 12/25/24	911 Open Line	12 Jackson St; Tower, Oconto Falls, WI	COF	ACT
F24-03482	12:38:40 12/28/24	911 Open Line	421 S Milwaukee Av, Oconto Falls, WI	COF	ACT
F24-03491	12:23:54 12/29/24	911 Open Line	855 S Main St, Oconto Falls, WI	COF	CLO
F24-03494	16:55:47 12/29/24	911 Open Line	204 E Indianwood Dr; #8, Oconto Falls, WI	COF	ACT
F24-03508	12:42:35 12/31/24	911 Open Line	104 N Franklin St; Apt 107, Oconto Falls, WI	COF	CLO
F24-03383	18:44:05 12/16/24	Abandoned Vehicle	210 Farm Rd; Oconto Falls High School Parking Lot, Oconto Falls, WI	COF	CLO
F24-03268	20:31:25 12/05/24	Agency Assist	410 N Main St; Apt 2, Oconto Falls, WI	COF	CLO
F24-03385	00:21:23 12/17/24	Agency Assist	HY 141 & CTH M; SB IN NB, Lena, WI	TLE	CAA
F24-03477	20:19:57 12/27/24	Agency Assist	229 E Indianwood Dr, Oconto Falls, WI	COF	ACT
F24-03219	10:47:14 12/01/24	Ambulance	126 N Main St; Antique Bar, Oconto Falls, WI	COF	ACT
F24-03260	10:10:05 12/05/24	Ambulance	829 S Main St; Apt 312, Oconto Falls, WI	COF	ACT
F24-03279	18:21:49 12/06/24	Ambulance	106 King St, Oconto Falls, WI	COF	ACT
F24-03281	19:18:39 12/06/24	Ambulance	751 E Highland Dr, Oconto Falls, WI	COF	ACT
F24-03283	20:23:16 12/06/24	Ambulance	106 King St, Oconto Falls, WI	COF	ACT
F24-03332	13:17:41 12/12/24	Ambulance	Union Av & S Franklin St, Oconto Falls, WI	COF	ACT
F24-03400	02:03:54 12/18/24	Ambulance	250 S Main St; apt A, Oconto Falls, WI	COF	ACT
F24-03403	10:37:18 12/18/24	Ambulance	100 E Highland Dr; Meadowbrook, Oconto Falls, WI	COF	CLO
F24-03428	05:36:53 12/21/24	Ambulance	751 E Highland Dr; Memory Care, Oconto Falls, WI	COF	ACT
F24-03371	21:22:57 12/15/24	Animal Found	104 S Chestnut Av, Oconto Falls, WI	COF	ACT
F24-03448	17:31:02 12/24/24	Animal Found	208 Paul St, Oconto Falls, WI	COF	ACT
F24-03497	10:49:29 12/30/24	Animal Found	500 N Chestnut Av, Oconto Falls, WI	COF	CLO
F24-03304	12:13:42 12/09/24	Animal Problem	E Highland Dr & N Main St, Oconto Falls, WI	COF	CLO
F24-03349	19:02:49 12/13/24	Animal Problem	569 Willow Creek Rd, Oconto Falls, WI	COF	ACT
F24-03353	12:12:48 12/14/24	Animal Problem	649 Jackson St; NWTC, Oconto Falls, WI	COF	ACT
F24-03358	19:08:58 12/14/24	Animal Problem	455 Quincy St, Oconto Falls, WI	COF	ACT
F24-03368	11:48:11 12/15/24	Animal Problem	164 Countryside Way, Oconto Falls, WI	COF	CLO
F24-03490	12:06:18 12/29/24	Animal Problem	104 Sheridan St, Oconto Falls, WI	COF	ACT
F24-03216	00:07:32 12/01/24	Building Check	607 E Highland Dr, Oconto Falls, WI	COF	CLO
F24-03222	22:17:32 12/01/24	Building Check	145 N Franklin St, Oconto Falls, WI	COF	CLO
F24-03223	02:29:24 12/02/24	Building Check	750 N Main St, Oconto Falls, WI	COF	CLO
F24-03233	21:24:57 12/02/24	Building Check	502 N Locust Av, Oconto Falls, WI	COF	CLO

<u>Number</u>	<u>Time and Date</u>	<u>Nature</u>	<u>Address</u>	<u>Location</u>	<u>Dsp</u>
F24-03234	21:27:09 12/02/24	Building Check	506 Locust Av, Oconto Falls, WI	COF	CLO
F24-03235	21:28:59 12/02/24	Building Check	300 Hank Marks Dr, Oconto Falls, WI	COF	CLO
F24-03236	21:33:22 12/02/24	Building Check	201 Bob Hammond St, Oconto Falls, WI	COF	CLO
F24-03252	21:01:10 12/03/24	Building Check	325 Van Buren St, Oconto Falls, WI	COF	CLO
F24-03257	23:06:14 12/04/24	Building Check	347 E Highland Dr, Oconto Falls, WI	COF	CLO
F24-03258	04:19:08 12/05/24	Building Check	113 N Main St, Oconto Falls, WI	COF	CLO
F24-03269	01:47:48 12/06/24	Building Check	346 Jackson St, Oconto Falls, WI	COF	CLO
F24-03270	02:16:16 12/06/24	Building Check	126 N Main St, Oconto Falls, WI	COF	CLO
F24-03285	22:24:43 12/06/24	Building Check	502 N Locust Av, Oconto Falls, WI	COF	CLO
F24-03286	22:26:23 12/06/24	Building Check	506 N Locust Av, Oconto Falls, WI	COF	CLO
F24-03295	14:02:15 12/08/24	Building Check	215 Bob Hammond St, Oconto Falls, WI	COF	CLO
F24-03297	22:35:24 12/08/24	Building Check	502 N Locust Av, Oconto Falls, WI	COF	CLO
F24-03298	22:37:29 12/08/24	Building Check	506 N Locust Av, Oconto Falls, WI	COF	CLO
F24-03311	03:15:55 12/10/24	Building Check	221 N Chestnut Av, Oconto Falls, WI	COF	CLO
F24-03318	01:42:43 12/11/24	Building Check	323 E Highland Dr, Oconto Falls, WI	COF	CLO
F24-03330	12:05:09 12/12/24	Building Check	502 N Locust Av, Oconto Falls, WI	COF	CLO
F24-03363	01:03:00 12/15/24	Building Check	531 N Chestnut Av, Oconto Falls, WI	COF	CLO
F24-03372	23:13:09 12/15/24	Building Check	164 N Main St, Oconto Falls, WI	COF	CLO
F24-03373	03:05:52 12/16/24	Building Check	508 N Chestnut Av, Oconto Falls, WI	COF	CLO
F24-03396	20:39:29 12/17/24	Building Check	502 N Locust Av, Oconto Falls, WI	COF	CLO
F24-03397	20:41:53 12/17/24	Building Check	506 N Locust Av, Oconto Falls, WI	COF	CLO
F24-03411	23:15:16 12/18/24	Building Check	420 N Chestnut Av, Oconto Falls, WI	COF	CLO
F24-03412	01:46:18 12/19/24	Building Check	136 N Main St, Oconto Falls, WI	COF	CLO
F24-03421	00:41:06 12/20/24	Building Check	825 S Main St, Oconto Falls, WI	COF	CLO
F24-03423	03:32:40 12/20/24	Building Check	213 Green Bay Av, Oconto Falls, WI	COF	CLO
F24-03437	00:14:00 12/23/24	Building Check	208 Central Av, Oconto Falls, WI	COF	CLO
F24-03466	02:14:28 12/27/24	Building Check	502 N Locust Av, Oconto Falls, WI	COF	CLO
F24-03467	02:15:41 12/27/24	Building Check	506 N Locust Av, Oconto Falls, WI	COF	CLO
F24-03495	18:57:12 12/29/24	Building Check	325 Van Buren St, Oconto Falls, WI	COF	CLO
F24-03503	20:16:28 12/30/24	Building Check	420 N Chestnut Av, Oconto Falls, WI	COF	CLO
F24-03504	20:18:29 12/30/24	Building Check	650 Jackson St, Oconto Falls, WI	COF	CLO
F24-03220	13:13:48 12/01/24	Burglary	309 Hank Marks Dr, Oconto Falls, WI	COF	CLO
F24-03325	16:56:29 12/11/24	Child Abuse	604 N Main St; #15, Oconto Falls, WI	COF	ACT
F24-03247	16:15:21 12/03/24	Citizen Assist	Sherman St; Pine Grove Park, Oconto Falls, WI	COF	ACT
F24-03263	14:56:26 12/05/24	Citizen Assist	210 N Farm Rd, Oconto Falls, WI	COF	CLO
F24-03277	14:57:38 12/06/24	Citizen Assist	500 N Chestnut Av, Oconto Falls, WI	COF	ACT
F24-03334	14:45:37 12/12/24	Citizen Assist	500 N Chestnut Av, Oconto Falls, WI	COF	CLO
F24-03364	01:26:42 12/15/24	Citizen Assist	270 N Franklin St, Oconto Falls, WI	COF	CLO
F24-03401	04:27:00 12/18/24	Citizen Assist	855 S Main St, Oconto Falls, WI	COF	ACT
F24-03407	17:10:04 12/18/24	Citizen Assist	250 S Main St; APT A @5:30, Oconto Falls, WI	COF	CLO
F24-03426	15:55:42 12/20/24	Citizen Assist	250 S Main St; #B, Oconto Falls, WI	COF	ACT
F24-03429	08:45:04 12/21/24	Citizen Assist	S Main St, Oconto Falls, WI	COF	CLO
F24-03443	14:29:12 12/23/24	Citizen Assist	835 S Main St; Prevea Clinic, Oconto Falls, WI	COF	UTL
F24-03459	07:50:36 12/26/24	Citizen Assist	210 N Farm Rd, Oconto Falls, WI	COF	CLO
F24-03461	09:58:15 12/26/24	Citizen Assist	500 N Chestnut Av, Oconto Falls, WI	COF	CLO
F24-03464	00:16:53 12/27/24	Citizen Assist	7364 Columbia St, Oconto Falls, WI	TOF	ACT
F24-03474	13:03:06 12/27/24	Citizen Assist	500 N Chestnut Av, Oconto Falls, WI	COF	CLO

<u>Number</u>	<u>Time and Date</u>	<u>Nature</u>	<u>Address</u>	<u>Location</u>	<u>Dsp</u>
F24-03489	11:11:20 12/29/24	Citizen Assist	104 N Franklin St; apt 211, Oconto Falls, WI	COF	ACT
F24-03500	14:29:31 12/30/24	Citizen Assist	500 N Chestnut Av, Oconto Falls, WI	COF	CLO
F24-03346	12:01:34 12/13/24	Civil Matter	829 S Main St; apt 308, Oconto Falls, WI	COF	CLO
F24-03302	10:26:12 12/09/24	Crim Mischief	513 Sheridan St, Oconto Falls, WI	COF	CLO
F24-03496	09:15:37 12/30/24	Criminal Damage	409 E Highland Dr, Oconto Falls, WI	COF	CLO
F24-03498	12:01:34 12/30/24	Death Notificat	421 S Milwaukee Av, Oconto Falls, WI	COF	ACT
F24-03430	09:10:11 12/21/24	Disorderly	105 S Main St, Oconto Falls, WI	COF	CLO
F24-03366	04:19:45 12/15/24	Disturbance	250 S Main St; Apt a, Oconto Falls, WI	COF	CLO
F24-03367	06:25:54 12/15/24	Disturbance	129 S Hillside Av, Oconto Falls, WI	COF	CAA
F24-03427	19:32:09 12/20/24	Disturbance	229 E Indianwood Dr, Oconto Falls, WI	COF	CAA
F24-03303	10:38:56 12/09/24	Domestic	2531 E Frontage Rd; BP, Abrams, WI	TAB	ACT
F24-03309	20:14:55 12/09/24	Domestic	638 S Main St, Oconto Falls, WI	COF	CAA
F24-03446	08:08:15 12/24/24	Drugs	500 N Chestnut Av, Oconto Falls, WI	COF	ACT
F24-03306	15:16:51 12/09/24	Em l	503 Sheridan St; APT 4, Oconto Falls, WI	COF	ACT
F24-03370	19:28:18 12/15/24	Extra Patrol	801 E Highland Dr, Oconto Falls, WI	COF	CLO
F24-03441	13:11:38 12/23/24	Extra Patrol	501 S Main St; Grace Luthern Church, Oconto Falls, WI	COF	ACT
F24-03442	13:25:07 12/23/24	Extra Patrol	300 Pioneer Dr; Can Crusher, Oconto Falls, WI	COF	ACT
F24-03514	21:58:47 12/31/24	Extra Patrol	204 N Main St, Oconto Falls, WI	COF	ACT
F24-03460	09:54:13 12/26/24	Found Property	325 Van Buren St, Oconto Falls, WI	COF	CLO
F24-03471	10:10:39 12/27/24	Found Property	500 N Chestnut Av, Oconto Falls, WI	COF	CLO
F24-03300	09:40:21 12/09/24	Fraud	193 W Highland Dr, Oconto Falls, WI	COF	CLO
F24-03336	16:14:39 12/12/24	Fraud-Attempt	359 N Oakland Av, Oconto Falls, WI	COF	ACT
F24-03262	14:33:46 12/05/24	Harassment	210 N Farm Rd, Oconto Falls, WI	COF	ROF
F24-03291	19:46:31 12/07/24	Harassment	607 E Highland Dr, Oconto Falls, WI	COF	CLO
F24-03369	18:41:10 12/15/24	Harassment	801 E Highland Dr; phone call, Oconto Falls, WI	COF	CLO
F24-03506	10:45:39 12/31/24	Harassment	801 E Highland Dr, Oconto Falls, WI	COF	CLO
F24-03274	12:07:04 12/06/24	Information	N Chestnut Av, Oconto Falls, WI	COF	CLO
F24-03510	14:18:40 12/31/24	Information	8814 Hy 22, Oconto Falls, WI	TOF	ACT
F24-03436	20:44:20 12/22/24	Intoxication	121 Columbia St, Oconto Falls, WI	COF	ACT
F24-03250	18:52:12 12/03/24	Juvenile Prob	104 N Main St; Apt 3, Oconto Falls, WI	COF	CLO
F24-03409	20:01:15 12/18/24	Juvenile Prob	398 S Washington St, Oconto Falls, WI	COF	CJA
F24-03472	11:52:46 12/27/24	Juvenile Prob	408 N Main St, Oconto Falls, WI	COF	UTL
F24-03511	17:48:35 12/31/24	Juvenile Prob	136 Elm Av; Apt 102, Oconto Falls, WI	COF	ACT
F24-03293	01:59:16 12/08/24	K9 Deployment	Hy 41; MM 216, Oconto, WI	TPN	CLO
F24-03399	23:11:03 12/17/24	K9 Deployment	Main St & Madison St, Oconto, WI	COC	CLO
F24-03449	20:40:24 12/24/24	Littering	Bob Hammond St, Oconto Falls, WI	COF	CLO
F24-03273	12:04:23 12/06/24	Lockout	Douglas St, Oconto Falls, WI	COF	ACT
F24-03275	12:24:26 12/06/24	Lockout	N Maple Av; Boat Launch, Oconto Falls, WI	COF	CLO
F24-03323	15:26:19 12/11/24	Lockout	210 N Farm Rd, Oconto Falls, WI	COF	CLO
F24-03408	17:15:40 12/18/24	Lockout	343 E Highland Dr; Burger King, Oconto Falls, WI	COF	ACT
F24-03488	10:42:24 12/29/24	Lockout	166 Linden Av, Oconto Falls, WI	COF	CLO
F24-03493	16:35:16 12/29/24	Lockout	104 N Main St; APT 1, Oconto Falls, WI	COF	CLO
F24-03244	12:48:45 12/03/24	Lost Property	512 Caldwell Av, Oconto Falls, WI	COF	CLO
F24-03476	19:55:07 12/27/24	Noisedisturbanc	250 S Main St, Oconto Falls, WI	COF	CLO
F24-03478	20:59:46 12/27/24	Noisedisturbanc	217 N Main St, Oconto Falls, WI	COF	CLO
F24-03310	22:19:25 12/09/24	Ord Violation	627 N Main St, Oconto Falls, WI	COF	CBW

<u>Number</u>	<u>Time and Date</u>	<u>Nature</u>	<u>Address</u>	<u>Location</u>	<u>Dsp</u>
F24-03415	09:34:56 12/19/24	Ord Violation	513 Quincy St, Oconto Falls, WI	COF	CLO
F24-03217	03:33:40 12/01/24	Parking Problem	500 N Chestnut Av, Oconto Falls, WI	COF	CLO
F24-03224	03:23:17 12/02/24	Parking Problem	500 N Chestnut Av, Oconto Falls, WI	COF	CLO
F24-03294	13:07:02 12/08/24	Parking Problem	855 S Main St, Oconto Falls, WI	COF	CBW
F24-03312	03:50:01 12/10/24	Parking Problem	N Main St, Oconto Falls, WI	COF	CLO
F24-03365	04:18:03 12/15/24	Parking Problem	500 N Chestnut Av, Oconto Falls, WI	COF	CLO
F24-03422	03:02:08 12/20/24	Parking Problem	N Main St, Oconto Falls, WI	COF	CLO
F24-03255	11:37:51 12/04/24	Pd Accident	E Highland Dr & Willow Creek Rd, Oconto Falls, WI	COF	ACT
F24-03276	13:43:51 12/06/24	Pd Accident	275 S Oakland Av, Oconto Falls, WI	COF	ACT
F24-03278	14:59:15 12/06/24	Pd Accident	E Highland Dr & N Main St; Near Meadowbrook, Oconto Falls, WI	COF	ACT
F24-03289	14:24:12 12/07/24	Pd Accident	E Highland Dr & N Chestnut Av, Oconto Falls, WI	COF	CLO
F24-03316	15:41:42 12/10/24	Pd Accident	CTH I & Fuller La, Lena, WI	TST	ACT
F24-03361	22:01:56 12/14/24	Pd Accident	CTH W & Emily Rd, Mountain, WI	TMT	ACT
F24-03419	12:49:19 12/19/24	Pd Accident	N Main St & E Highland Dr, Oconto Falls, WI	COF	ACT
F24-03249	17:28:51 12/03/24	Probation Viol	415 E Maria Volk Dr; OF Elementary, Oconto Falls, WI	COF	CLO
F24-03264	15:42:15 12/05/24	Public Relation	N Main St, Oconto Falls, WI	TOF	ACT
F24-03265	16:09:50 12/05/24	Public Relation	S Main St, Oconto Falls, WI	COF	ACT
F24-03266	19:08:08 12/05/24	Public Relation	210 N Farm Rd, Oconto Falls, WI	COF	CLO
F24-03290	18:33:22 12/07/24	Public Relation	210 N Farm Rd, Oconto Falls, WI	COF	CLO
F24-03308	20:03:08 12/09/24	Public Relation	210 N Farm Rd, Oconto Falls, WI	COF	ACT
F24-03338	18:16:03 12/12/24	Public Relation	210 N Farm Rd, Oconto Falls, WI	COF	CLO
F24-03342	07:56:53 12/13/24	Public Relation	102 S Washington St, Oconto Falls, WI	COF	ACT
F24-03350	19:21:24 12/13/24	Public Relation	210 N Farm Rd, Oconto Falls, WI	COF	CLO
F24-03352	08:06:09 12/14/24	Public Relation	210 Farm Rd; Oconto Falls High School, Oconto Falls, WI	COF	ACT
F24-03355	15:41:10 12/14/24	Public Relation	210 N Farm Rd; High School, Oconto Falls, WI	COF	CLO
F24-03359	20:49:24 12/14/24	Public Relation	210 N Farm Rd, Oconto Falls, WI	COF	CLO
F24-03394	18:59:42 12/17/24	Public Relation	210 N Farm Rd, Oconto Falls, WI	COF	CLO
F24-03226	10:31:02 12/02/24	School Check	210 N Farm Rd, Oconto Falls, WI	COF	CLO
F24-03322	10:46:15 12/11/24	School Check	253 N Franklin St; St. Anthony's School, Oconto Falls, WI	COF	ACT
F24-03395	20:00:29 12/17/24	School Check	210 N Farm Rd, Oconto Falls, WI	COF	ACT
F24-03417	11:02:34 12/19/24	School Check	3000 Elm St, Abrams, WI	TAB	ACT
F24-03378	07:45:35 12/16/24	School Threat	3000 Elm St; Abrams Elementary, Abrams, WI	TAB	ACT
F24-03486	21:17:25 12/28/24	Search Warrant	134 Bitters Av, Oconto, WI	COC	ACT
F24-03435	16:22:25 12/22/24	Secure Landing	855 S Main St, Oconto Falls, WI	COF	ACT
F24-03507	11:50:27 12/31/24	Sexual Assault	248 N Main St; Coachlight, Oconto Falls, WI	COF	ACT
F24-03465	00:34:27 12/27/24	Street Call-Out	500 N Chestnut Av, Oconto Falls, WI	COF	ACT
F24-03475	14:50:17 12/27/24	Suicide Attempt	399 N Flatley ave, Oconto Falls, WI	COF	ACT
F24-03292	21:39:37 12/07/24	Suspicious	150 N Adams St, Oconto Falls, WI	COF	UTL
F24-03307	18:46:40 12/09/24	Suspicious	209 N Farm Rd, Oconto Falls, WI	COF	CLO
F24-03341	07:25:04 12/13/24	Suspicious	531 N Chestnut Av, Oconto Falls, WI	COF	CLO

<u>Number</u>	<u>Time and Date</u>	<u>Nature</u>	<u>Address</u>	<u>Location</u>	<u>Dsp</u>
F24-03345	11:26:52 12/13/24	Suspicious	627 N Main St; East Side Beach, Oconto Falls, WI	COF	ACT
F24-03362	00:03:01 12/15/24	Suspicious	129 S Hillside Av, Oconto Falls, WI	COF	CLO
F24-03379	11:18:43 12/16/24	Suspicious	102 S Washington St, Oconto Falls, WI	COF	CLO
F24-03380	11:25:40 12/16/24	Suspicious	631 N Main St, Oconto Falls, WI	COF	CBC
F24-03390	11:35:24 12/17/24	Suspicious	102 S Washington St, Oconto Falls, WI	COF	ACT
F24-03413	02:51:06 12/19/24	Suspicious	512 Caldwell Av, Oconto Falls, WI	COF	CLO
F24-03438	10:04:04 12/23/24	Suspicious	501 S Main St; Phone Call, Oconto Falls, WI	COF	ACT
F24-03501	16:51:54 12/30/24	Suspicious	508 N Chestnut Av, Oconto Falls, WI	COF	ACT
F24-03392	15:28:12 12/17/24	Test Call	500 N Chestnut Av, Oconto Falls, WI	COF	ACT
F24-03245	13:03:31 12/03/24	Theft	409 E Highland Dr, Oconto Falls, WI	COF	CLO
F24-03335	15:07:44 12/12/24	Theft	346 Columbia St, Oconto Falls, WI	COF	CLO
F24-03473	12:28:11 12/27/24	Theft	500 N Chestnut Av, Oconto Falls, WI	COF	CLO
F24-03499	12:03:27 12/30/24	Theft	104 N Franklin St; #220, Oconto Falls, WI	COF	CLO
F24-03228	15:43:39 12/02/24	Threatening	211 S Maple Av, Oconto Falls, WI	COF	CLO
F24-03246	14:12:28 12/03/24	Threatening	106 Birch Av, Oconto Falls, WI	COF	CLO
F24-03440	11:49:48 12/23/24	Traffacc Norprt	Golden Corners Rd & Elm Lawn Rd; wests of intersection, Oconto Falls, WI	TOF	ACT
F24-03453	10:25:54 12/25/24	Traffacc Norprt	Hy 22 & Pipgrass Rd, Oconto Falls, WI	TOF	ACT
F24-03288	11:13:55 12/07/24	Traffic Hazard	Union Av, Oconto Falls, WI	COF	CLO
F24-03505	06:09:31 12/31/24	Traffic Hazard	S Main St, Oconto Falls, WI	COF	CLO
F24-03256	15:27:37 12/04/24	Traffic Misc	855 S Main St, Oconto Falls, WI	COF	ACT
F24-03267	19:51:27 12/05/24	Traffic Misc	N Chestnut Av & E Highland Dr, Oconto Falls, WI	COF	ACT
F24-03331	13:03:39 12/12/24	Traffic Misc	S Main St & Union Av, Oconto Falls, WI	COF	ACT
F24-03348	18:32:04 12/13/24	Traffic Misc	607 E Highland Dr, Oconto Falls, WI	COF	ACT
F24-03406	16:56:54 12/18/24	Traffic Misc	N Main St & E Highland Dr, Oconto Falls, WI	COF	ACT
F24-03418	11:48:33 12/19/24	Traffic Misc	210 N Farm Rd, Oconto Falls, WI	COF	ACT
F24-03420	16:56:12 12/19/24	Traffic Misc	359 S Oakland Av, Oconto Falls, WI	COF	UTL
F24-03455	19:11:35 12/25/24	Traffic Misc	River Island Dr, Oconto Falls, WI	TOF	ACT
F24-03458	06:43:46 12/26/24	Traffic Misc	855 S Main St, Oconto Falls, WI	COF	ACT
F24-03463	17:16:50 12/26/24	Traffic Misc	S Main St & Union Av; SB, Oconto Falls, WI	COF	CLO
F24-03487	23:35:25 12/28/24	Traffic Misc	HY 141 & Chicken Shack Rd; NB, Lena, WI	TST	ACT
F24-03513	20:35:44 12/31/24	Traffic Misc	100 E Highland Dr, Oconto Falls, WI	COF	ACT
F24-03253	10:08:00 12/04/24	Traffic Offense	N Maple Av; Pine st, Oconto Falls, WI	COF	CBC
F24-03284	20:54:55 12/06/24	Traffic Offense	Cardinal Dr & Eagle Dr, Oconto Falls, WI	COF	CBC
F24-03377	07:40:32 12/16/24	Traffic Offense	Columbia St & N Farm Rd, Oconto Falls, WI	TOF	CBC
F24-03402	09:03:06 12/18/24	Traffic Offense	CTH I; Trailer Park, Lena, WI	TST	ACT
F24-03484	13:46:06 12/28/24	Traffic Offense	N Maple Av & Green Bay Av, Oconto Falls, WI	COF	CBC
F24-03227	12:12:53 12/02/24	Traffic Stop	Chestnut Rd & Hy 22, Oconto Falls, WI	COF	CBW
F24-03229	16:10:44 12/02/24	Traffic Stop	MONROE & MUNSERT, Oconto Falls, WI		CBW
F24-03231	17:00:45 12/02/24	Traffic Stop	S Main St & S Franklin St, Oconto Falls, WI	COF	CBW
F24-03232	18:33:01 12/02/24	Traffic Stop	E Highland Dr & N Main St, Oconto Falls, WI	COF	CBW
F24-03237	06:16:47 12/03/24	Traffic Stop	Columbia St & CTH I, Oconto Falls, WI	TST	ACT
F24-03238	06:37:18 12/03/24	Traffic Stop	Hy 22 & CTH I, Oconto Falls, WI	TST	ACT
F24-03239	06:51:13 12/03/24	Traffic Stop	N Main St & E Highland Dr, Oconto Falls, WI	COF	ACT

<u>Number</u>	<u>Time and Date</u>	<u>Nature</u>	<u>Address</u>	<u>Location</u>	<u>Dsp</u>
F24-03240	07:37:12 12/03/24	Traffic Stop	S Chestnut Av & Union Av, Oconto Falls, WI	COF	CBW
F24-03243	11:15:32 12/03/24	Traffic Stop	N Chestnut Av & Paul St, Oconto Falls, WI	COF	ACT
F24-03248	16:37:48 12/03/24	Traffic Stop	N Farm Rd & Columbia St, Oconto Falls, WI	TOF	ACT
F24-03251	20:41:31 12/03/24	Traffic Stop	N Maple Av & Green Bay Av, Oconto Falls, WI	COF	CBW
F24-03259	09:32:05 12/05/24	Traffic Stop	Union Av; at Central, Oconto Falls, WI	COF	CBW
F24-03261	11:30:06 12/05/24	Traffic Stop	N Main St & Central Av, Oconto Falls, WI	COF	CBW
F24-03271	07:55:31 12/06/24	Traffic Stop	210 Farm Rd; Oconto Falls High School, Oconto Falls, WI	COF	CBW
F24-03272	11:18:44 12/06/24	Traffic Stop	N Chestnut Av & Grove St, Oconto Falls, WI	COF	CBW
F24-03280	19:18:50 12/06/24	Traffic Stop	Hy 22 & CTH B, Oconto Falls, WI	TOF	CBW
F24-03282	19:56:03 12/06/24	Traffic Stop	N Main St & E Highland Dr, Oconto Falls, WI	COF	CBW
F24-03287	10:55:22 12/07/24	Traffic Stop	Hy 22 & CTH I, Oconto Falls, WI	TST	CBW
F24-03296	16:26:53 12/08/24	Traffic Stop	Hy 22 & CTH I, Oconto Falls, WI	TST	CBW
F24-03299	07:01:39 12/09/24	Traffic Stop	S Main St & Union Av, Oconto Falls, WI	COF	CBW
F24-03313	09:42:10 12/10/24	Traffic Stop	S Main St & CTH I, Oconto Falls, WI	TST	CBW
F24-03314	10:22:17 12/10/24	Traffic Stop	Pine St; Oakland, Oconto Falls, WI	COF	CBW
F24-03317	18:50:33 12/10/24	Traffic Stop	E Highland Dr & Cherry Av, Oconto Falls, WI	COF	CBW
F24-03319	07:27:12 12/11/24	Traffic Stop	Columbia St & N Farm Rd, Oconto Falls, WI	TOF	CBW
F24-03320	07:39:05 12/11/24	Traffic Stop	Columbia St & N Farm Rd, Oconto Falls, WI	TOF	CBW
F24-03321	10:22:51 12/11/24	Traffic Stop	Columbia St & N Farm Rd, Oconto Falls, WI	TOF	CBW
F24-03324	15:50:03 12/11/24	Traffic Stop	Columbia St & S Chestnut Av, Oconto Falls, WI	COF	ACT
F24-03326	19:01:50 12/11/24	Traffic Stop	E Highland Dr & Locust Av, Oconto Falls, WI	COF	CBW
F24-03327	19:22:13 12/11/24	Traffic Stop	Cherry Av & Jackson St, Oconto Falls, WI	COF	CBW
F24-03329	19:53:18 12/11/24	Traffic Stop	Union Av & S Franklin St, Oconto Falls, WI	COF	ACT
F24-03333	13:57:44 12/12/24	Traffic Stop	Munsert Av, Oconto Falls, WI	COF	ACT
F24-03337	18:03:55 12/12/24	Traffic Stop	607 E Highland Dr, Oconto Falls, WI	COF	CBW
F24-03339	07:21:16 12/13/24	Traffic Stop	S Main St & CTH I, Oconto Falls, WI	TST	CBW
F24-03343	09:28:48 12/13/24	Traffic Stop	S Main St & CTH I, Oconto Falls, WI	TST	CBW
F24-03344	10:29:05 12/13/24	Traffic Stop	S Maple Av & Green Bay Av, Oconto Falls, WI	COF	CBW
F24-03347	16:10:30 12/13/24	Traffic Stop	Cherry Av & N Franklin St, Oconto Falls, WI	COF	CBW
F24-03351	06:35:39 12/14/24	Traffic Stop	N Maple Av & Central Av, Oconto Falls, WI	COF	CBW
F24-03354	15:00:58 12/14/24	Traffic Stop	N Chestnut Av & Paul St, Oconto Falls, WI	COF	ACT
F24-03356	16:57:46 12/14/24	Traffic Stop	N Main St & Caldwell Av, Oconto Falls, WI	COF	ACT
F24-03360	21:16:38 12/14/24	Traffic Stop	CTH I & Columbia St, Oconto Falls, WI	TST	CBW
F24-03374	05:32:18 12/16/24	Traffic Stop	N Chestnut Av & Van Buren St, Oconto Falls, WI	COF	CBW
F24-03375	06:51:34 12/16/24	Traffic Stop	Caldwell Av & Monroe St, Oconto Falls, WI	COF	CBW
F24-03376	07:35:27 12/16/24	Traffic Stop	Columbia St & N Farm Rd, Oconto Falls, WI	TOF	CBW
F24-03381	14:40:03 12/16/24	Traffic Stop	N Chestnut Av & Paul St, Oconto Falls, WI	COF	ACT
F24-03382	15:33:03 12/16/24	Traffic Stop	Columbia St & S Chestnut Av, Oconto Falls, WI	COF	CBW
F24-03384	20:24:53 12/16/24	Traffic Stop	N Main St & Caldwell Av, Oconto Falls, WI	COF	ACT
F24-03386	07:36:58 12/17/24	Traffic Stop	Columbia St & N Farm Rd, Oconto Falls, WI	TOF	CBW
F24-03387	07:45:22 12/17/24	Traffic Stop	N Farm Rd & Columbia St, Oconto Falls, WI	TOF	ACT

<u>Number</u>	<u>Time and Date</u>	<u>Nature</u>	<u>Address</u>	<u>Location</u>	<u>Dsp</u>
F24-03388	09:30:56 12/17/24	Traffic Stop	CTH I & S Main St, Oconto Falls, WI	TST	ACT
F24-03389	11:16:23 12/17/24	Traffic Stop	S Main St & Union Av, Oconto Falls, WI	COF	CBW
F24-03391	14:32:21 12/17/24	Traffic Stop	N Chestnut Av; Shell, Oconto Falls, WI	COF	ACT
F24-03393	18:42:14 12/17/24	Traffic Stop	Cardinal Dr & Willow Creek Rd, Oconto Falls, WI	COF	CBW
F24-03398	22:20:30 12/17/24	Traffic Stop	N Main St & William St, Oconto Falls, WI	COF	ACT
F24-03404	15:14:30 12/18/24	Traffic Stop	Union Av; Quincy, Oconto Falls, WI	COF	CBW
F24-03405	15:56:57 12/18/24	Traffic Stop	E Highland Dr & N Main St, Oconto Falls, WI	COF	CBW
F24-03414	08:55:20 12/19/24	Traffic Stop	S Main St & Union Av, Oconto Falls, WI	COF	ACT
F24-03416	10:25:43 12/19/24	Traffic Stop	N Maple Av & N Main St, Oconto Falls, WI	COF	CBW
F24-03424	12:26:07 12/20/24	Traffic Stop	Columbia St & N Farm Rd, Oconto Falls, WI	TOF	CBW
F24-03432	08:21:13 12/22/24	Traffic Stop	Monroe St & Caldwell Av, Oconto Falls, WI	COF	ACT
F24-03433	09:18:58 12/22/24	Traffic Stop	N Chestnut Av & Paul St, Oconto Falls, WI	COF	ACT
F24-03434	12:33:52 12/22/24	Traffic Stop	N Chestnut Av & Paul St, Oconto Falls, WI	COF	ACT
F24-03439	11:10:50 12/23/24	Traffic Stop	Union Av & Jefferson St, Oconto Falls, WI	COF	ACT
F24-03444	18:41:39 12/23/24	Traffic Stop	CTH I & Columbia St, Oconto Falls, WI	TST	CBW
F24-03447	11:54:29 12/24/24	Traffic Stop	Union Av & S Washington St, Oconto Falls, WI	COF	CBW
F24-03451	08:02:11 12/25/24	Traffic Stop	N Chestnut Av & E Highland Dr, Oconto Falls, WI	COF	ACT
F24-03452	08:20:57 12/25/24	Traffic Stop	N Main St & E Highland Dr, Oconto Falls, WI	COF	ACT
F24-03454	12:25:25 12/25/24	Traffic Stop	Union Av & S Washington St, Oconto Falls, WI	COF	ACT
F24-03462	13:07:32 12/26/24	Traffic Stop	Locust Av, Oconto Falls, WI	COF	CBW
F24-03468	07:59:08 12/27/24	Traffic Stop	S Main St & CTH I, Oconto Falls, WI	TST	CBW
F24-03469	08:25:09 12/27/24	Traffic Stop	Hy 22 & CTH I, Oconto Falls, WI	TST	CBW
F24-03470	08:49:52 12/27/24	Traffic Stop	Hy 22 & CTH I, Oconto Falls, WI	TST	CBW
F24-03479	00:56:34 12/28/24	Traffic Stop	N Munsert Av & E Highland Dr, Oconto Falls, WI	COF	ACT
F24-03480	09:29:14 12/28/24	Traffic Stop	Columbia St & N Farm Rd, Oconto Falls, WI	TOF	CBW
F24-03483	13:04:49 12/28/24	Traffic Stop	Columbia St & N Farm Rd, Oconto Falls, WI	TOF	CBW
F24-03485	19:23:09 12/28/24	Traffic Stop	N Munsert Av & Jackson St, Oconto Falls, WI	COF	ACT
F24-03492	15:18:12 12/29/24	Traffic Stop	N Chestnut Av & Monroe St, Oconto Falls, WI	COF	CLO
F24-03502	17:33:15 12/30/24	Traffic Stop	E Highland Dr & N Chestnut Av, Oconto Falls, WI	COF	CBW
F24-03512	19:05:01 12/31/24	Traffic Stop	E Highland Dr & N Main St, Oconto Falls, WI	COF	CBW
F24-03315	10:32:13 12/10/24	Unwanted Party	270 S Maple Av, Oconto Falls, WI	COF	ACT
F24-03481	11:04:31 12/28/24	Utility Problem	N Oakland Av & King St, Oconto Falls, WI	COF	CLO
F24-03509	14:07:48 12/31/24	Violate Ct Ord	801 E Highland Dr, Oconto Falls, WI	COF	CLO
F24-03328	19:39:32 12/11/24	Wanted Person	276 N Franklin St # .5, Oconto Falls, WI	COF	ACT
F24-03431	20:22:50 12/21/24	Wanted Person	7792 CTH I; lot 22, Oconto Falls, WI	TST	ACT
F24-03218	07:09:15 12/01/24	Welfare Check	531 N Chestnut Av, Oconto Falls, WI	COF	ACT
F24-03230	16:10:05 12/02/24	Welfare Check	Washington St & Adams st, Oconto Falls, WI		ACT
F24-03254	11:22:57 12/04/24	Welfare Check	420 Mcdougal Cir, Oconto Falls, WI	COF	CLO
F24-03301	10:22:41 12/09/24	Welfare Check	409 E Highland Dr, Oconto Falls, WI	COF	UTL

<u>Number</u>	<u>Time and Date</u>	<u>Nature</u>	<u>Address</u>	<u>Location</u>	<u>Dsp</u>
F24-03305	13:55:34 12/09/24	Welfare Check	193 W Highland Dr, Oconto Falls, WI	COF	CLO
F24-03357	17:33:11 12/14/24	Welfare Check	227 N Adams St, Oconto Falls, WI	COF	ACT
F24-03410	22:00:36 12/18/24	Welfare Check	136 Elm Av; apt 102, Oconto Falls, WI	COF	CLO
F24-03425	13:23:52 12/20/24	Welfare Check	140 Elm Av; Apt 204, Oconto Falls, WI	COF	ACT
F24-03445	19:53:41 12/23/24	Welfare Check	801 E Highland Dr, Oconto Falls, WI	COF	CLO
F24-03450	07:05:02 12/25/24	Welfare Check	250 S Main St; Apt A, Oconto Falls, WI	COF	ACT
F24-03457	21:04:58 12/25/24	Welfare Check	855 S Main St, Oconto Falls, WI	COF	CLO
Total Incidents for This Agency: 296					

Total reported: 296

Report Includes:

All dates between `00:00:01 12/01/24` and `00:00:01 01/01/25`, All agencies matching `OFPD`, All officers, All dispositions, All natures, All locations, All cities, All clearance codes, All observed offenses, All reported offenses, All offense codes, All circumstance codes



Oconto Falls Police

Department-WI0430000

Arrest and Citation Register

<u>Line</u>	<u>Booking #</u>	<u>Name</u>	<u>Race</u>	<u>Birth</u>	<u>Sex</u>	<u>Arrest</u>	<u>Lev</u>	<u>Charge</u>	<u>Stat</u>	<u>Disp</u>	<u>Agency</u>
1	39669	Bowman, Malachi E	B	11/24/2002	1	12/07/24		961.41(3g)(e)	1		OFPD
2	39677	Thomson, Joseph W	W	03/20/1970	1	12/09/24		940.19(1)	1		OFPD
3		,		**/**/****		12/10/24		365.20(a)	2		OFPD
4	39699	Lemirande, Andrew J	W	09/23/1981	1	12/15/24		940.19(1)	1		OFPD
5	39717	Marcotte, Steven L	W	04/30/1987	1	12/18/24		343.44(1)(b)	1		OFPD
6	39729	Waukau, Desmond L	I	03/17/1978	1	12/20/24		947.01(1)	1		OFPD
7	39749	Lucas, Kelly L	W	03/20/1989	2	12/28/24		961.41(3g)(g)	1		OFPD
8	39759	Vorpahl, Robert T	W	05/02/1977	1	12/31/24		813.125(7)	2		OFPD
1	39722		W		1	12/18/24		940.19(1)	2		OFPD

MUNICIPAL COURT MONTHLY FINANCIAL REPORT

County Name: Oconto

County Code Number: 42

Report for Month/Year

December/2024

Municipal Name: City of Oconto Falls

Municipality Code Number: 266

Telephone: (920) 846-4517

I. MUNICIPAL COURT OFFICIAL	Total Amount Collected	Share retained by Municipality	Share to be sent to County	Share to be sent to State
1. Forfeitures for Municipal Ordinance Violations (Except for Municipal Ordinances in Conformity with Ch 348, Stats.)	\$1,244.06	\$1,244.06		
Adustment (if applicable)	\$0.00	\$0.00		
2. Municipal Court Costs (Chapter 814, Subchapter II, s. 814.65, Stats.)	\$905.94	\$795.94		\$110.00
Adustment (if applicable)	\$0.00	\$0.00		\$0.00
3. Penalty Surcharges (s. 757.05, Stats.)	\$317.20			\$317.20
Adustment (if applicable)	\$0.00			\$0.00
4. County Jail Surcharges (s. 302.46(1)(a), Stats.)	\$220.00		\$220.00	
Adustment (if applicable)	\$0.00		\$0.00	
5. Driver Improvement Surcharges (s. 346.655, Stats.)	\$0.00		\$0.00	\$0.00
Adustment (if applicable)	\$0.00		\$0.00	\$0.00
6. Crime Lab and Drug Enforcement Surcharges (s. 165.755(4), Stats.)	\$286.00			\$286.00
Adustment (if applicable)	\$0.00			\$0.00
7. Domestic Abuse Surcharges (s.973.055(2)(b), Stats.)	\$0.00			\$0.00
Adustment (if applicable)	\$0.00			\$0.00
8. Truck Weight Restrictions (Municipal Ordinances in Conformity with Ch. 348, Stats., s 66.12(3)(c))	\$0.00	\$0.00		\$0.00
Adustment (if applicable)	\$0.00	\$0.00		\$0.00
9. Ignition Interlock Device Surcharge (s. 343.30(5), Stats.)	\$0.00		\$0.00	
Adustment (if applicable)	\$0.00		\$0.00	
10. GPS Tracking Surcharge (for violations of ordinances conforming to s. 813.12 or s 813.125, Stats.)	\$0.00			\$0.00
Adustment (if applicable)	\$0.00			\$0.00
11. Safe Ride Program (s. 85.55, Stats.)	\$0.00			\$0.00
Adustment (if applicable)	\$0.00			\$0.00
12. Totals	\$2,973.20	\$2,040.00	\$220.00	\$713.20

II. CERTIFICATION OF MUNICIPAL COURT OFFICIAL

I hereby certify that this report reflects all actions requiring forfeitures, court costs, penalty assessments, and surcharges collected during the month designated.

Name: Richard J Cromell

Signature: _____



Date: 1/6/2025

III. TREASURER'S CERTIFICATION

I hereby certify that the above amount due the state has been received. After so certifying, a copy of this report will be returned to the signer of this report as a receipt, and the stated amount will be remitted to the Department of Administration with this report.

Treasurer: _____



Date: _____

1/8/2025

In the event the Department of Administration has questions about this report and payment, who should we contact?

Name: Carol Gonnering

Telephone #: (920) 846-4517

Email: carolgonnering@ci.ocontofalls.wi.us



CHIEF TIM MAGNIN

ASST CHIEF JOEL LAVARDA

OCONTO FALLS FIRE DEPARTMENT

500 N. CHESTNUT AVE.

OCONTO FALLS, WI. 54154

PHONE 920- 846-4202 or 920-373-4607 email offd@offd.com

SERVING CITY OF OCONTO FALLS, TOWN OF OCONTO FALLS AND PARTS OF STILES & SPRUCE

MONTHLY REPORT

STARTING DATE 12/1/2024 TO FINISHING DATE 12/31/2024.

1/8/25

The December report is limited due to the development of the new ESO Software System. Currently we are 100% complete with Fire Inspections and Fire Incident Reporting. Ninety-five percent Unit/Vehicle Management and Maintenance. Eighty-five percent with Assets Management and Equipment and 70% with Standard and Custom Reports.

1- Inspections:

- Fire Inspections Completed: 40
- Building Use Inspections All Completed: (Hope to have a final report completed in early February)
- Additional update at City Council Meeting

2- Fire Calls for December= 16 (see Fire Incident Addresses & Location report)

3- New Fire Station - Department of Administration Grant Update:

- Working on the Grant Closeout, Submitted the information to DOA prior to the deadline now waiting to hear back from DOA for the final closeout.
- All the unused items for surplus or to be sold are all inside the storage container next to the old station.

4- Training during the month of December:

- Personal Protective Equipment Maintenance
- Hazardous Material Operations
- Apparatus Checks and Cold Weather Operations

5- Annual 2024 Vehicle Maintenance will be taking place soon with the use of the new lift.

6- Fire Officer positions appointed at the December 3rd meeting and taking position January 1, 2025.

Vice President is Joel Schmechel

Lieutenant is Mike Elliott

Safety Officer is Keaton Kazik

Equipment Officer is Nate Sagen

7- The boilers have been adjusted to meet the needs of the building. I do not think we are going to have any change in monthly bills.

8- The total number of calls for 2024= 211 (Will provide a summary of 2024 later)

RESPECTFULLY SUMMITTED,

A handwritten signature in black ink, appearing to read "Tim Magnin", with a long horizontal flourish extending to the right.

TIM MAGNIN, FIRE CHIEF

Fire Incident Addresses and Location Jan 8, 2025 11:43:58 AM Fire Incidents

Filter statement

Filters **Alarm Date Range** 12/1/24 to 12/31/24 | **Is Locked** true | **Is Active** true

Fire Incident Addresses and Location

Count of Total Incidents

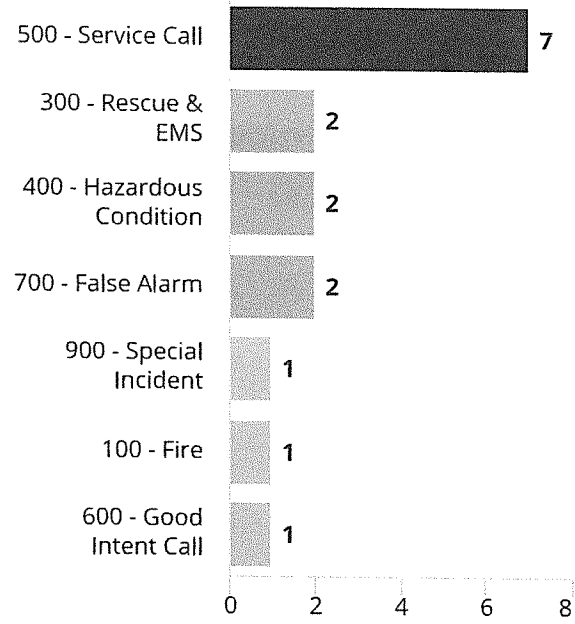
Incident Number: 16

Fire Incident Addresses and Location Jan 8, 2025 11:43:58 AM Fire Incidents

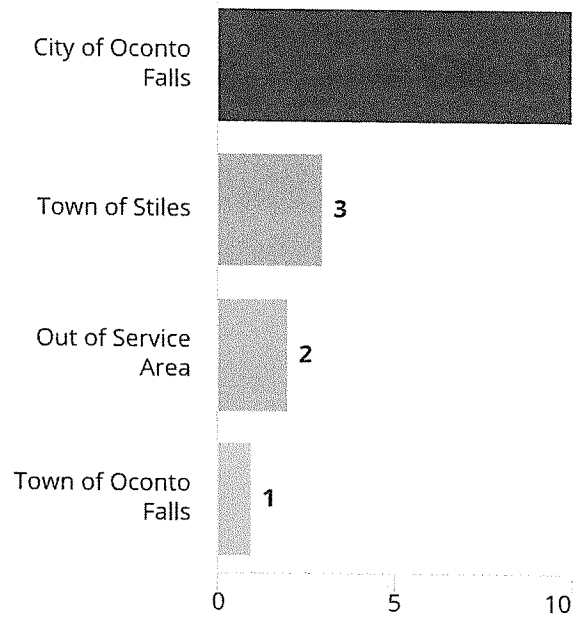
Filter statement

Filters **Alarm Date Range** 12/1/24 to 12/31/24 | **Is Locked** true | **Is Active** true

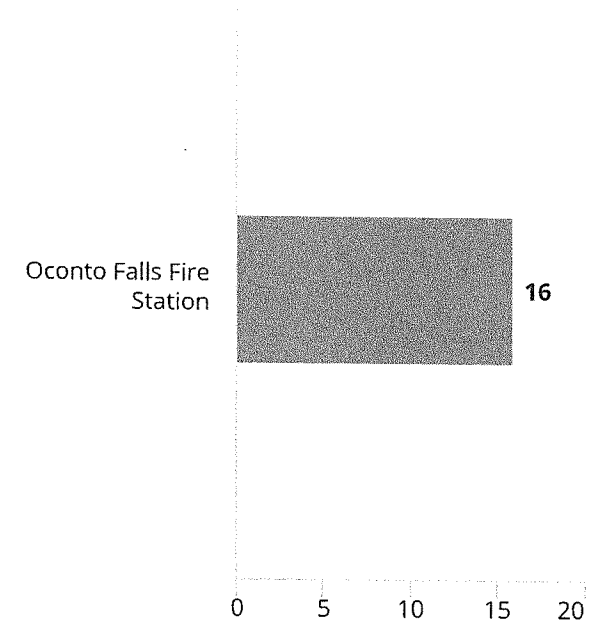
Count of Incidents by Incident Type Group



Count of Incidents by District



Count of Incidents by Station



Number	Date	Type	Incident Type	Location Street Address	Zip
24-0000196-42010	12/2/24	551	Assist police or other governmental agency	500 North Chestnut	54154
24-0000197-42010	12/3/24	551	Assist police or other governmental agency	7162 Garbrecht Road	54154
24-0000198-42010	12/5/24	553	Public service	248 North Main Street	54154
24-0000199-42010	12/6/24	324	Motor vehicle accident with no injuries.	Highland Drive	54154
24-0000200-42010	12/7/24	611	Dispatched & canceled en route	2347 County W	54157
24-0000201-42010	12/8/24	411	Gasoline or other flammable liquid spill	5908 Duame Road	54139
24-0000202-42010	12/9/24	553	Public service	104 North Franklin Avenue	54154
24-0000203-42010	12/9/24	553	Public service	512 Caldwell Avenue	54154
24-0000204-42010	12/9/24	111	Building fire	4759 Duescher Lane	54101
24-0000205-42010	12/10/24	424	Carbon monoxide incident	207 Park Avenue	54154
24-0000206-42010	12/11/24	553	Public service	5908 Duame Road	54139
24-0000207-42010	12/13/24	911	Citizen complaint	829 South Main Street	54154
24-0000208-42010	12/15/24	730	System malfunction, other	431 Union Avenue	54154
24-0000209-42010	12/15/24	730	System malfunction, other	431 Union	54154
24-0000210-42010	12/23/24	311	Medical assist, assist EMS crew	855 South Main Street	54154
24-0000211-42010	12/24/24	531	Smoke or odor removal	Pipgrass Road	54154



CITY OF OCONTO FALLS STREET DEPT. REPORT December 2024

*** Parks**

Locked the gate on the West Side Beach, Set up the ice-skating rink.

***Streets**

Continued leaf collection 93 loads of leaves were collected throughout the pickup season
Cleaned 38 miles of curbing with the leaf vac
Continued GIS Mapping of storm sewers and catch basins and manhole locations
Started GIS Mapping of terrasse and park trees

***Building Maintenance**

Completed monthly fire extinguisher inspections of the street department buildings and vehicles.


***Street Dept Equipment**

Installed trailer wiring on Tender 1311
Performed annual maintenance on both dump trucks, both loaders and dressed the equipment for the plow season
Installed brine unit in the F250 and calibrated the GPS unit
Replaced drain valves on Engine 1312
Replaced the turret bolts on the C20 to bring it back within safety standards
Performed services on C1, C4, C15 and C21
Replaced plow cutting edge on C32 and C34
Replaced steer tires on C28

***Personnel**

Completed annual forklift certification training (Whole Department)

**Street Superintendent
Wally Remic**

 **CITY OF OCONTO FALLS**
BUILDING INSPECTION DEPARTMENT
REPORT December 2024

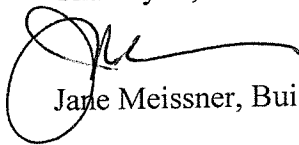
The Building Inspection Department issued 3 permits for the month December 2024

Permits	Total
Zoning Variance	n/a
Siding	5,000
Deck/shed replace	22,000
Total:	27,000

Completing end of year reporting and processing for the State.
Copies to Assessor and updating all files.

Any questions or comments, please free to contact me anytime.

Thank you,



Jane Meissner, Building Inspector, 715-245-1708

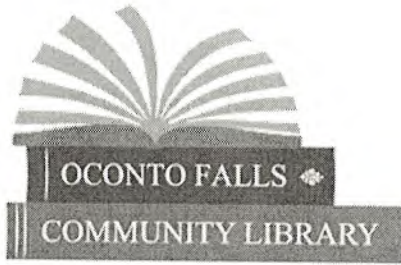
City of Oconto Falls
Building Permits Issued

2024

DATE	#	OWNER	ADDRESS	JOB TYPE	COST	CONTRACTOR	FEE
January	24-01	Behnke, B.	561 Countryside Ln.	Mfd dwell/driveway	118,000	North Country	523
	24-02	Kilgore, A.	416 Polczynski Cir	Replace windows	15,700	Windows Solutions	50
	24-03	Jahnke, G.	157 N. Main St.	New roof/dumpster	17,000	Security Luebke	65
	24-04	O.F. Fire Station	431 Union Ave.	Wall Mounted Sign	4,900	Creative Sign	87.5
		N. P. Salscheider, B.	172 N. Main St.	rezone C-1 to CON	n/a	T.B.D.	210
February	24-05	Deney, J.	134 S. Maple	roof lean to, some siding	11,500	Peterson Win/Sid	50
	24-06	Magnin, C.	629 N. Chestnut	garage/sm. Remodel	27,000	Owner	273
	24-07	Magnin, J.	318 Green Bay Ave.	New roof	3,000	Owner	50
	24-08	Handschke, D.	169 Birch Ave	Chick coop/license	500	Owner	55
March	24-09	Encompass	650 E. Jackson	sign	2,300	Creative Sign	60
	24-10	Salscheider, B.	172 N. Main St.	gazebo and excav.	5,000	Thomson Exc.donat	185
	24-11	Valentine/alder	221 Ridge Rd	roof, siding, windows,	20,000	owner	100
	24-12	McDermid, K.	506 N. Locust	comm. Stg. Unit	156,000	Forest Construction	1193
	24-13	N. Sight	Jackson - N. Chest.	fiber optics		Nsight	1183
	24-14	N. Sight	Main - Sherman	fiber optics		Nsight	1500
	24-15	N. Sight	N. Chestnut	fiber optics		Nsight	250
	24-16	Greeten, G.	384 S. Washington	fence	3000	owner	60
	24-17	Stary, N.	328 Union	fence	3300	owner	60
	24-18	Janiak, T.	304 S. Oakland	3 windows replaced	13900	window solutions	60
April	24-19	Jones Funeral	107 S. Franklin	shed	2200	owner	96
	24-20	Behnke, D.	627 Sheridan	shed	5000	owner	96
	24-21	Sweeney, A.	118 N. Milwaukee	fence	4200	Frost Fence	60
	24-22	Encompass	650 Jackson	roof	40,500	IEI	100
	24-23	Ripley, R.	213 N. Franklin	fence	3900	owner	60
	24-24	Miller, S.	245 Columbia	windows	4000	owner	60
	24-25	Seeling, D.	430 Green Bay	facia work	18000	NHC	60
	24-26	Zielinski, L.	145 W. Highland	Chick coop/license	1500	owner	45
	24-27	Touchinski	551 Country Side	replace deck	400	Owner	45
May	24-28	Johnson, A.	405 Quincy	fence addt	120	Owner	60
	24-29	Tonella, J.	392 Washington	fence	740	owner	60

	24-30	Wos, B.	130 Birch	windows/siding	8000	S. Zahn	60
	24-31	Brye, M.	118 Park Ave	fence	2200	owner	60
	24-32	Humpyeys	106 Columbia	dumpster			15
	24-33	Versland/Shank	347 Poplar	pool and deck	12000	owner	160
	24-34	Fifield, W.	319 S. Franklin	shed	4000	Miller furniture/barns	45
	24-35	Braun, C.	124 Mead	remodel, wind, siding	20,000	Owner	300
	24-36	Mundigler, J.	325 Van Buren	security fence	10,000	Owner	60
	24-37	LaBrosse, W	211 N. Main St	alteration (window/door)	4000	Owner	102
	24-38	Braun, C.	124 Mead	hedge fence	700	owner	60
June	24-39	O.E.C.	Pioneer to Chestnut	change drive location	n/a	owner	n/c
	24-40	voided	Right of Way permit	issued with new #'s			
	24-41	"	"	"			
	24-42	"	"	"			
	24-43	McDermid	763 Green Bay	fence	1000	owner	60
	24-44	Felix, N.	572 Countryside Ln	shed	6500	safe shed	45
	24-45	Coppens, D.	249 Birch #2	deck	2500	owner	45
	24-46	Konitzer	301 Golden Corners	Remodel	20,000	A. Konitzer	120
	24-47	Walters	425 Polczinski Cir	pool	11,000	Owner	65
	24-48	NewCap	561 Countryside Ln.	dwell/garage	223,700	NBC Const	914.55
	24-49	Osuchowski, B.	356 S. Main St	addt/gar/drive	30,000	Owner	396
July	24-50	O. F. School	415 Marie Volk	heating	29,000	Hurkman Mech	50
	24-51	Fleming, E.	121 S. Maple	remodel kit/bath/dump	15,000	owner	165
	24-52	Greely	305 S. Main	dumpster	n/a	owner	15
	24-53	Blazek	237 Cedar	Patio/Siding	8200	owner	145.4
	24-54	Onel-Escobar	405 N. Main	driveway	2000	owner	100
	24-55	Wery, E.	106 King Street	dumpster	n/a	owner	15
August	24-56	Blahowiak, N.	226 S. Franklin	addition	150,000	TD Skilled Services	600.5
	24-57	Francois, M.	245 S. Franklin	siding/windows	14500	Eklund	60
	24-58	Salscheider, B.	126 N. Main	gazebo see #24-10	9500	Echo Valley	prev pd
	24-59	Procar	325 VanBuren	garage	14,000	owner	182.4
	24-60	O. F. Senior Cntr	512 Caldwell	fence	1000	City of Oconto Falls	n/c
	24-61	Guelig	453 McDougal	deck	26500	Integrity	96
	24-62	Miller, S.	245 Columbia	sm. Shed/remove old	11000	Lakeshore	40
	24-63	Schiller	560 Eagle Dr.	electric	15000	Black Hack	60

	24-64	Siech, M.	139 S. Washington	windows	18700	Window World	60
	24-65	Gronski	533 Willow Creek	plumbing	10200	Hockers Plumbing	60
Sept	24-66	Salscheider, B.	172 N. Main St.	sign	1500	owner	50
	24-67	Hobyan, L.	185 Grove	shed	8200	Lakeshore Bldgs	96
	24-68	McDougal	254 S. Maple	windows		Window World	60
	24-69	Coopman, C.	249 S. St.	window	3000	owner	45
	24-70	Reyes, L.	104 S. Adams	fence	1500	owner	60
	24-71	Tester, M.	405 Monroe	sign/filing Cond. Use		owner	250
	24-72	Gallagher, T.	380 S. Chestnut	rewire service	4000	Russell Electric	60
	24-73	Radaj	403 Union Ave	foundation repair	40,000	ABT Foundations	125
	24-74	Anderson	646 S. Main	electrical	4500	GS Electric	60
	24-75	McDonald, J.	424 Union Ave	shed	1000	owner	96
	24-76	Kostreva, J.	251 Cedar Ave	roof	16800	Milakovich	60
	24-77	O.F. Middle School	330 County Rd I	sign	11700	Elevate 97	237
	24-78	Francois, M.	237 N. Washington	siding/windows	9500	F2R Construction	60
Oct	24-79	Family Dollar	347 E. Highland	A/C	25700	Blaikis	290
	24-80	Rusch, K.	129 W Highland	curb/fence	2100	Kanoyer	60
	24-81	Magnin, C.	629 Chestnut	fence	1200	Owner	60
	24-82	O.E.C.	701 Chestnut	sub station	2,600,000	MP Systems	100
	24-83	O.F. Library	251 N. Main	fence	1000	OF Street Dept	n/c
	24-84	Guelig, M.	453 McDougal	generator	10200	Raddant Elect	60
	24-85	Morrissely, M.	111 Ridge Rd.	roof	48000	Erie Const.	60
	24-86	Metcalf, R.	527 Quincy	deck/2 windows	3500	Owner	96
	24-87	Miller, Scott	245 Columbia St.	new roof		G.B. Roofing	60
Nov	24-88	Greely, K.	305 S. Main	replace windows/siding	5,000	owner	60
	24-89	Revello, R.	105 Douglas	plumbing	18,000	Tundraland	60
	24-90	Konop, D.	344 S. Franklin	addition		owner	181
Dec.	24-91	Rapids housing	249 Birch	zoning variance	n/a	Point of Beginning	610
	24-92	Zimmerman, P.	248 N. Franklin	siding	5000	Bams Const	60
	24-93	LeFebre, D.	123 N. Washington	shed/deck replace	22000	owner	105



Oconto Falls Community Library
251 North Main Street
Oconto Falls, WI 54154

920-846-2673

Monthly Report

January 2025

(2024 tax forms have not arrived yet, but are ordered.)

Regular Programs:

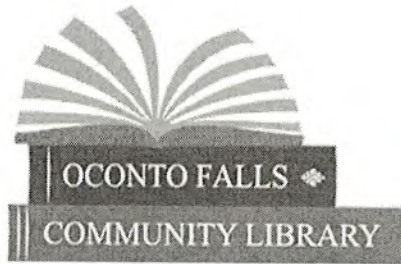
- Playgroup – Mondays at 10:30 AM
- Storytime – Tuesdays at 10:30 AM
- Craft and book visits to Meadowlands (3rd Tuesday of the month)
- Sewing classes with Lori Harrison (Feb. classes are waitlist only, March/April classes will be announced February 17th at 9:00 AM).
- St. Anthony's 4K Storytime every other Monday

Disney on Ice and Monster Jam Reading Challenges:

- Kids aged 2-12 can pick up a slip from the library, read 5 books and bring their slip back to be stamped. Once completed, the slip can be redeemed for a FREE Kid's ticket to Disney on Ice (Feb. 19-22) or Monster Jam (March 21-23) at the Resch Center in Green Bay. (Must purchase an adult ticket to redeem free kid's ticket.) Slips for both challenges available at the library circ desk.

Upcoming Programs:

- Pottery of the Past with Green Bay Children's Museum: Monday, January 20th at 2:30 PM (Professional Development Day: no school for OF students). K-5 students can learn all about ancient pottery techniques and make a pinch pot to take home. Registration required: call or stop by to sign up!
- Friends of the Oconto Falls Library will meet Wednesday, January 22nd at 3:00 PM. New faces welcome! We will be planning our midwinter book sale.
- Bilingual Storytime (English and Spanish) Tuesday, Feb. 18th at 10:30 AM. Clifford giveaway books provided by Safe Kids Oconto County (thank you!).
- 2025 possible collaborations: OFES/Abrams Elementary, Gnome Games, Encompass Childcare



Oconto Falls Community Library
251 North Main Street
Oconto Falls, WI 54154

920-846-2673

Completed Programs:

- “The Grinch” Main Street Event, Thursday December 5th: 561 people visited the library to work on their scavenger hunt, grab a craft, vote on pet costumes and get their photo taken. Wow!

Building

- New copier installed 12/20/24
- Staff refrigerator replaced

Rachel A. Pascoe

Rachel Pascoe, Library Director

**CITY OF OCONTO FALLS
MAIN STREET COMMITTEE MEETING
Council Chambers – Municipal Building
500 N. Chestnut Avenue
Oconto Falls, WI 54154**

**WEDNESDAY DECEMBER 18, 2024 – 8:00 AM
MINUTES**

City Administrator Wills called the meeting to order at 8:00 am.

1. Roll Call

Present: Chairman Barb Salscheider – Salscheider’s Antique Bar
Peter Wills – City Administrator
Ashley Bahrke – City Alderman
Peter Bruesch – Coachlight Inn
Jayme Sellen –TEDCOR,
Melanie Rice – The Flower Shoppe

Also Present: Mayor Clint Braun, Deputy Clerk Jenny Friedman, Building Inspector Jane Meissner, Fire Chief Tim Magnin,

Absent: Danielle Kline-Oconto Falls Chamber, Stephanie Holman-Senn Hometown Insurance

DISCUSSION AND POSSIBLE RECOMMENDATION/ACTION ON THE FOLLOWING:

2. Approval of Main Street Committee Minutes- 10-16-2024

Motion: Bahrke/Salscheider

Motion to approve Main Street Committee Minutes-10-16-2024.

Voice Vote: All present voting aye - **MOTION CARRIED**

Old Business

3. Downtown Zoning Ordinances

A. Ordinance Enforcement-Zoning & Building Conditions

Building Inspector Meissner and Fire Chief Magnin gave an update on the properties that they have reviewed and the findings for any violations. The process of what happens if there are any violations found were gone through with Main Street Committee. Fire Chief Magnin has completed all of his inspections for Main Street.

NO ACTION TAKEN

B. Oconto Falls’ Nuisances Ordinance Ch348 Enforcement

i. § 348-4 (L) Sec. 3: Commercial Buildings in (C-1) Dist Window

Coverings

- ii. § 348-9 Chronic Nuisance Premises
- iii. **Public Informational Meeting December 18 12:00 to 1:00pm Re Sec 348-4 Public Nuisances**

The Public Informational Meeting will be held today at 1:00 pm. This is to help inform the public of when 348-4 (L) Sec. 3: Commercial Buildings in (C-1) Dist Window Coverings will take effect and allow questions and answers.

NO ACTION TAKEN

- 4. WEDC Connect Communities-Officially Accepted
 - A. WEDC Connect Communities Resources
 - B. WEDC Fiscal Year 2025 Events & TrainingsThe City of Oconto Falls has been officially accepted into the WEDC Connect Communities. There are trainings and events that will be available.
NO ACTION TAKEN

- 5. American Express-Small Business Saturday November 30th follow up.
Small Business was Saturday November 30, 2024. Barb Salscheider distributed the Small Business bags to the business on Main Street so that they could give out to their customers.
NO ACTION TAKEN

- 6. Christmas Event December 5th Event Application
The Christmas Event had a horse drawn wagon ride, activities for the children, Food Trucks and shopping on Main Street. There was a great turn out and for the scavenger hunt there was two hundred and eighty-eight participants that turned in their scavenger hunt sheet.
NO ACTION TAKEN

New Business

- 7. Downtown Design Review Application-None
- 8. Next meeting -February 19, 2025 8am
- 9. Adjournment
Having no further discussion, City Administrator declared the meeting adjourned at 8:57am.

City Administrator Peter A. Wills

Notice was given to the public at least 24 hours prior to this open meeting - agenda was forwarded to newspapers and any news media who have requested the same – agenda was posted at City Hall, Oconto Falls Community Library, and on the city website at: cityofocntofalls.com

OCONTO FALLS MUNICIPAL UTILITIES
WATER & LIGHT ● SEWAGE DISPOSAL
MINUTES OF MONDAY, DECEMBER 16, 2024

CALL TO ORDER:

The regular meeting of the Oconto Falls Municipal Utilities Commission was called to order in Council Chambers of the Oconto Falls Municipal Building, 500 North Chestnut Avenue, Oconto Falls, Wisconsin, by President Kardoskee at 6:00 p.m.

ROLL CALL:

Schindel, Anastasopoulos, Pytleski, and Kardoskee, present. Coopman, excused.

Also Present: Utility Manager Greg Kuhn, Customer Service Representative Beth Rank, City Administrator Peter Wills, and Taryn Nall.

MINUTES:

President Kardoskee asked for any additions or corrections to the minutes of the regular meeting on Monday, November 18, 2024. Hearing none, President Kardoskee declared the minutes of the regular meeting of Monday, November 18, 2024 accepted as presented.

TREASURERS REPORTS: October 2024

The Treasurer's Report for the month of October 2024 as prepared by Deputy Treasurer Eve Wallace was placed on file for future audit.

BILLS:

It was moved by Anastasopoulos, seconded by Schindel that an order be drawn authorizing payment of payroll vouchers 104288-104311, accounts payable vouchers 027287-027317, and wire transfers 001813-001828. Roll call: Anastasopoulos, Schindel, Pytleski, and Kardoskee, voting aye. Motion carried.

PRESENTATIONS AND OPPORTUNITY TO ADDRESS THE COMMISSION: - None

CORRESPONDENCE/INFORMATION – A thank you was received from the Trick or Treat Trail.

MANAGERS REPORT:

Manager's Report – Kuhn reviewed his written report with the Commission. Kuhn added that the individuals involved in the car versus transformer/junction accident were extremely lucky. Kuhn stated that if someone is in an accident with electrical equipment, they should stay where they are until help arrives.

OLD BUSINESS

ELECTRIC

Update on Substation/Voltage Conversion – Bids are out and due in early January. The Commission will need to hold a special meeting to accept bids after the bid date. Staff is working with the PSC on the rate case.

Update on Declaring 2005 F-550 Bucket Truck Surplus – At the December Council meeting, the Council accepted the Utility's options on the bucket truck. They asked to hold off on transferring funds to until 2025. Pytleski asked if the truck remained insured. Kuhn replied that it is currently under the Utility's insurance.

SEWER

Sewer Rate Case – The last sewer rate case was in 2018. Taryn Nall and Customer Service Representative Beth Rank have been working together on the current rate case. With working together, Rank should be able to perform the rate cases in the future. Nall calculated the fixed charges to be \$36.15/month but after speaking to Kuhn, kept the fixed charges at the current rate of \$37.50/month. It was discussed that as debts are paid, the Commission may want to start including depreciation figures on the rate schedule. Nall also suggested reviewing the audit replacement fund list of equipment every few years. Schindel asked if Nall noticed anything of significance in the differences of rate cases between 2014, 2018, and 2024. Nall felt all was ok. It was moved by Pytleski, seconded by Anastasopoulos, approve the sewer rate increase and to recommend to council a sewer rate adjustment with an effective date of April 1st. Roll call: Pytleski, Anastasopoulos, Schindel, and Kardoskee, voting aye. Motion carried.

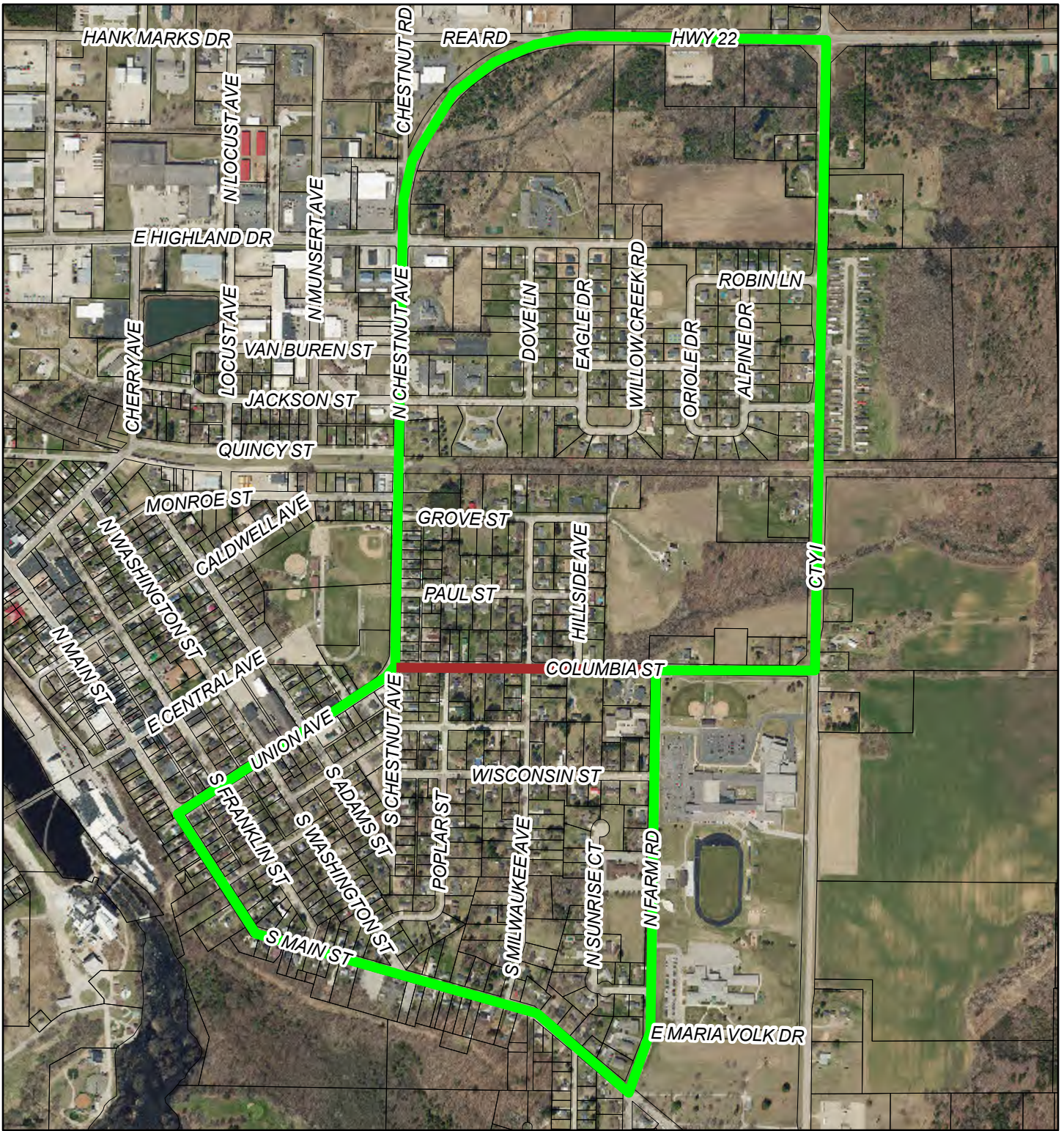
NEW BUSINESS - None

There being no other business, the meeting was adjourned at 6:57 p.m.

Respectfully submitted,

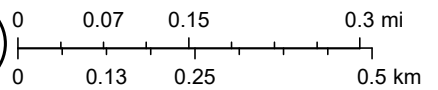
Beth Rank, Customer Service Representative

Columbia Detour Route



1/6/2025, 11:49:45 AM

1:15,000

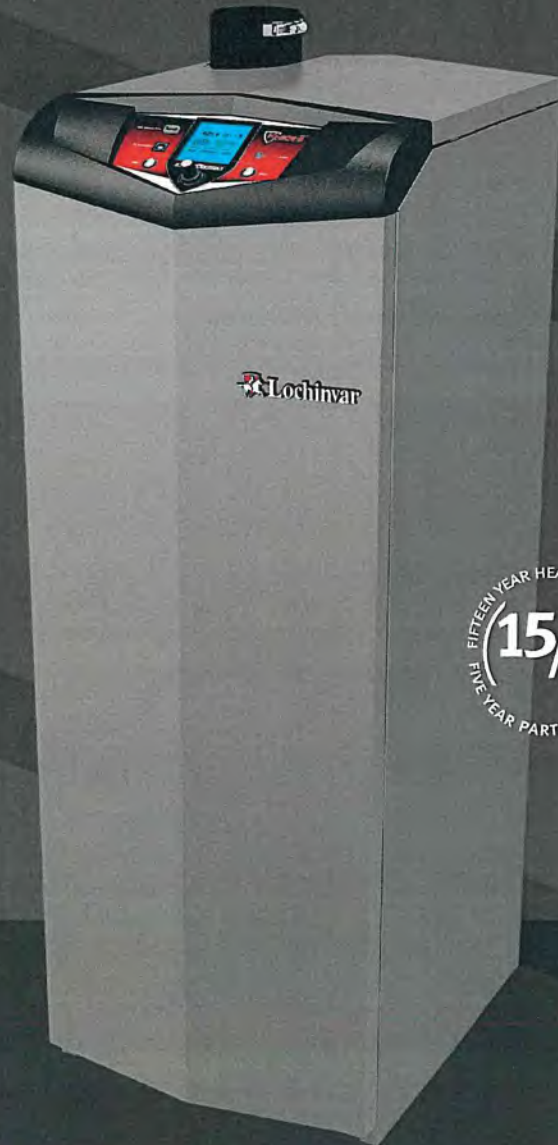


City Hall Boiler & Air Conditioning Proposals

Provider	Boiler Recommendation	Boiler Capabilities	Boiler Package Price	Air Conditioning Recommendation	Air Conditioner Capabilities	Air Conditioner Price	Controller integration	Annual Maintenance Cost	Total Initial Cost
Current System ACC (Existing Provider)	<p>one Thermal Solution, Evolution boiler</p> <p>(2) Lochinvar Knight FTXL 400 Boilers Demo existing boiler, piping, venting, gas piping o Setting two new Lochinvar Knight FTXL 400 Boilers (see specifications below) (see attached brochure and warranty information) o New boiler pumps o Gas piping o Venting o Condensate piping with neutralizes o Electrical o Boilers to run on standalone controls o Start up and checkout</p>	<p>one Thermal Solution, Evolution boiler 850 BTU 399 MBH Gas Boiler Natural Gas, Fire Tube Condensing Boiler (97.5% Efficiency, 399 mbh in/389 mbh out Full Modulation, Fire Tube stainless steel heat exchanger, stainless steel mesh burner (10 to 1 Turndown), variable speed combustion blower, negative reduction gas valve, supply and return temperature sensors, flue gas temp sensor, outdoor air temp sensor, front mounted terminal switch, line voltage junction box, polypropylene condensate trap, pressure relief valve and manual reset high limit.</p>	\$58,413.00	<p>One Trane 30 Ton Condenser Demo existing condenser, piping o Setting new condenser on existing pad o Crane work o New evaporator coil o Refrigeration piping with specialties o Painted piping insulation o Electrical o Controls o Start up and checkout</p>	30 Ton Trane Air Conditioner Unit	\$82,015.00	<p>DELTA \$2,852.00 integrating into Delta controls \$1,179 Install Enteliweb Software \$2,025 Generate & Install Entelliviz Graphics includes 1 year warranty</p>	<p align="right">\$2,298.27</p> <p>\$3,114.72 Under the maintenance agreement we will provide system checkout and maintenance of all system components listed on the proposed maintenance agreement. The maintenance agreement covers equipment such as: Boilers Pumps Condensing unit Air handling unit Vav boxes Filter changes Hvac Controls</p>	\$143,542.72
Energy Control & Design	Fulton Endura 750 BTU boiler and Rebuild Existing Boiler For Backup	750 MBH, Built in buffer., Protects against Scale & corrosion. Stainless Steel Heater,	\$80,000 Replace and Rebuild existing	DAIKIN Rooftop Unit Split Sytem Condensing Unit and Air Handler	30 Ton Trane Air Conditioner Unit	\$80,000	Replace Controllers	Maintenance Proposal is: \$4,555 (Four Thousand, Five Hundred Fifty-Five Dollars). This proposal includes service on the following equipment:	\$164,555
JF Ahern	existing non-condensing Thermal Solutions boiler and boiler pump. 2. Furnish and install two (2) new Lochinvar Knight KHB-285 Natural Gas, Condensing Boilers. a. 95% Efficiency. b. 285 MBH in/270.75 MBH out. c. Full Modulation 10:1 Turndown. d. Fire-tube stainless steel heat exchanger, stainless steel mesh burner. e. Variable speed combustion blower. f. Negative reduction gas valve. g. Supply and return temperature sensors, flue gas temp sensor, and outdoor air temp sensor. h. Front mounted terminal switch, line voltage junction box. i. Polypropylene condensate trap. j. Pressure relief valve. k. BACnet card. 3. Furnish and install two (2) ECM variable speed boiler circulators. 4. Furnish and install two (2) condensate neutralizers. 5. Reconnect hot water piping, natural gas piping, venting, air take	(2) new Lochinvar Knight KHB-285 Natural Gas, Condensing Boilers. a. 95% Efficiency. 285 MBH in/270.75 MBH out. Full Modulation 10:1 Turndown.	\$79,770.00	new 30-ton Trane air-cooled condensing unit.	Furnish and install one (1) new 30-ton Trane air-cooled condensing unit. a. R-454B refrigerant. b. 200/60/3 power. c. Non-fused disconnect switch – factory installed. d. Hot gas bypass valve. e. Suction service valve. f. Liquid line specialties. g. BACnet controller. h. Lead time of 16 to 18 weeks.	\$99,920.00			



HIGH EFFICIENCY
CONDENSING BOILERS



FIFTEEN YEAR HEAT EXCHANGER
WARRANTY
15/5
FIVE YEAR PARTS WARRANTY

THE BEST KNIGHT EVER

95% AFUE Efficiency

SMART SYSTEM™

CON-X-US®
Capable

DESIGNED ★ ENGINEERED ★ ASSEMBLED

USA

 **Lochinvar®**

THE LOCHINVAR DIFFERENCE



**BROADEST LINE OF
WATER HEATING SOLUTIONS
IN THE INDUSTRY**



**INDUSTRY-LEADING TRAINING
ON CAMPUS AND
ONLINE AT LOCHINVARU.COM**



**A WORLD-CLASS RESEARCH &
DEVELOPMENT DEPARTMENT THAT
CONTINUOUSLY INTRODUCES NEW
AND INNOVATIVE TECHNOLOGY**



**A COMMITMENT TO IN-DEPTH
SERVICE BEFORE, DURING AND
AFTER EVERY SALE**

NO ONE BRINGS IT ALL TOGETHER **LIKE** **LOCHINVAR**

Lochinvar is the industry leader that other leading companies call upon for the most advanced and efficient water heating products in the world. For that reason, Lochinvar is trusted to go beyond the call of duty to find a solution for every project, no matter the size. You will not find a water heating company that works harder or cares more.

That's why no one brings it all together quite like Lochinvar.

A HISTORY OF **INNOVATION**

For nearly 80 years, Lochinvar, an American company, has been a leader of innovation and high-efficiency water heating. Through Lochinvar's pride in leadership and commitment to excellence, the company has continually improved year after year.

Today, Lochinvar touts the broadest line of high-efficiency water heating solutions, a world-class research & development department, comprehensive service with every sale and industry-leading training through Lochinvar University.



AN INDUSTRY LEADER IN THE MAKING, 1954.

DESIGNED ★ ENGINEERED ★ ASSEMBLED
USA

ALWAYS LEADING THE CHARGE

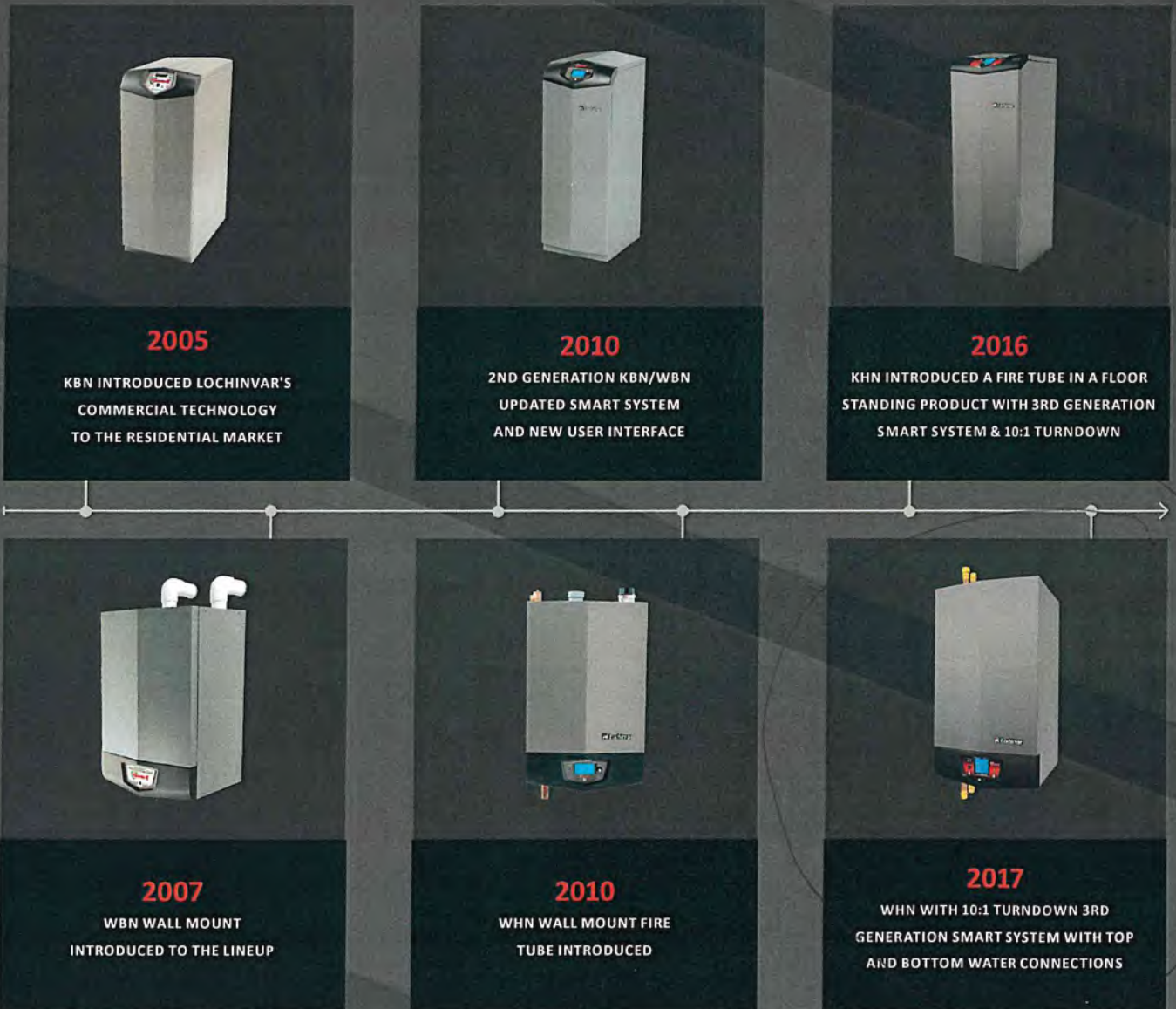
Introduced in 2005, the KNIGHT® boiler was a major step forward for Lochinvar. Designed for both new construction and replacement applications, the KNIGHT quickly became recognized by the industry as the gold standard for installation flexibility and ease of serviceability.

In 2008, the KNIGHT boiler line was broadened to reach up to 800,000 BTU/hr with the introduction of the KNIGHT XL residential and light commercial boiler, and in 2010 a new and innovative SMART SYSTEM™ control was added to both the KNIGHT and KNIGHT XL boiler products to enhance their feature set.

The SMART SYSTEM control makes the setup and operation of KNIGHT boilers easier through its large display, color-coded screens, soft keys and navigation dial used for transitioning from screen to screen quickly.

With over 100,000 units sold to date, the KNIGHT boiler line has continued to benefit from Lochinvar's commitment to perpetual innovation with four model generations and a host of design, efficiency and installation enhancements.

KNIGHT PRODUCT TIMELINE



THE BEST KNIGHT EVER

Lochinvar is proud to introduce the new, improved KNIGHT fire tube boiler—delivering ultimate ease of installation, unmatched operational reliability and serviceability.

Recent upgrades keep KNIGHT at the head of the class, allowing it to continue to lead the charge as the industry-leading high-efficiency residential boiler. With more adjustable parameters than any other competitor, KNIGHT is the most flexible residential boiler you can install.

Today, the new KNIGHT boiler family is available in 13 model options—six floor mounts and seven wall mounts. It also offers a broader range of heating capacity from 55,000 to 399,000 BTU/hr—while continuing to work at 95% AFUE efficiency.

INDUSTRY-LEADING FEATURES

KNIGHT boilers now feature a universal vent connector, making installation easier than ever. It comes with many standard features that allows PVC, CPVC, polypropylene or stainless steel connections directly to the boiler.

We've added a variable speed ECM pump as standard equipment, helping to push day-to-day operational efficiency even further. We've also redesigned the trap height for the condensate pump to make installation a snap.

Every KNIGHT boiler comes with a built-in 110V convenience outlet. Use this handy standard feature to power your lighting or installation equipment—or for powering the condensate pump.

As in past generations, Lochinvar's KNIGHT boiler continues to raise the bar for installation flexibility. With our latest product enhancements, we've pushed the KNIGHT boiler's capabilities and value to levels the industry has never seen before.

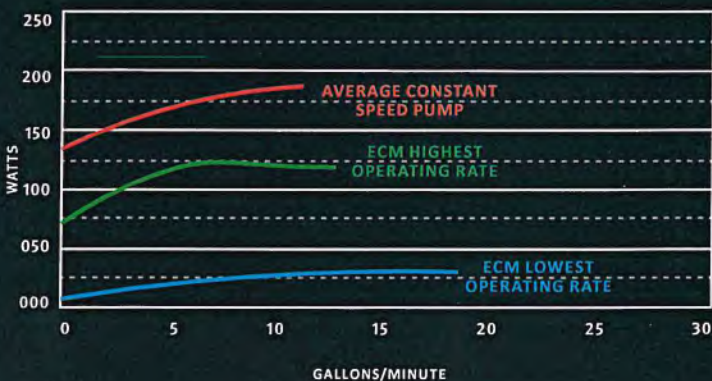


KHB
KNIGHT FLOOR MOUNT

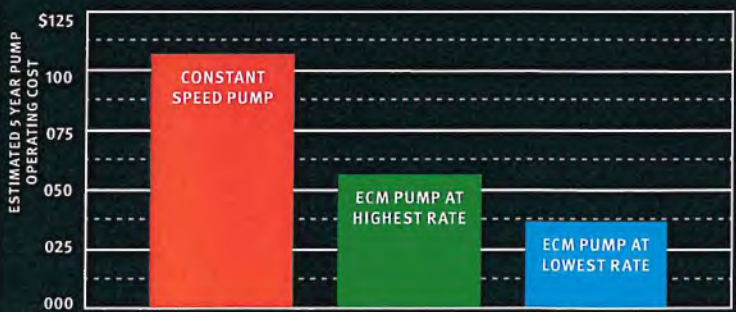
ECM PUMP STANDARD EQUIPMENT

ECM pump technology saves electricity & lowers operating costs. Lochinvar now includes this money saving technology as standard equipment on all WHB & KHB boilers. Using the Smart System to continuously match the target Delta T at all modulation rates this technology makes variable speed pump integration simple and easy. Push your savings further by taking advantage of local rebate programs for ECM variable speed pumps. Check with your local utilities company for details.

PUMP ENERGY USAGE



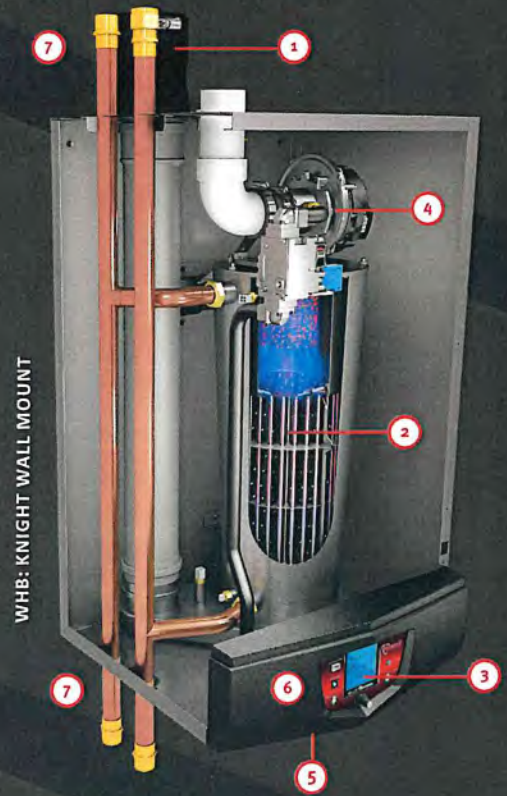
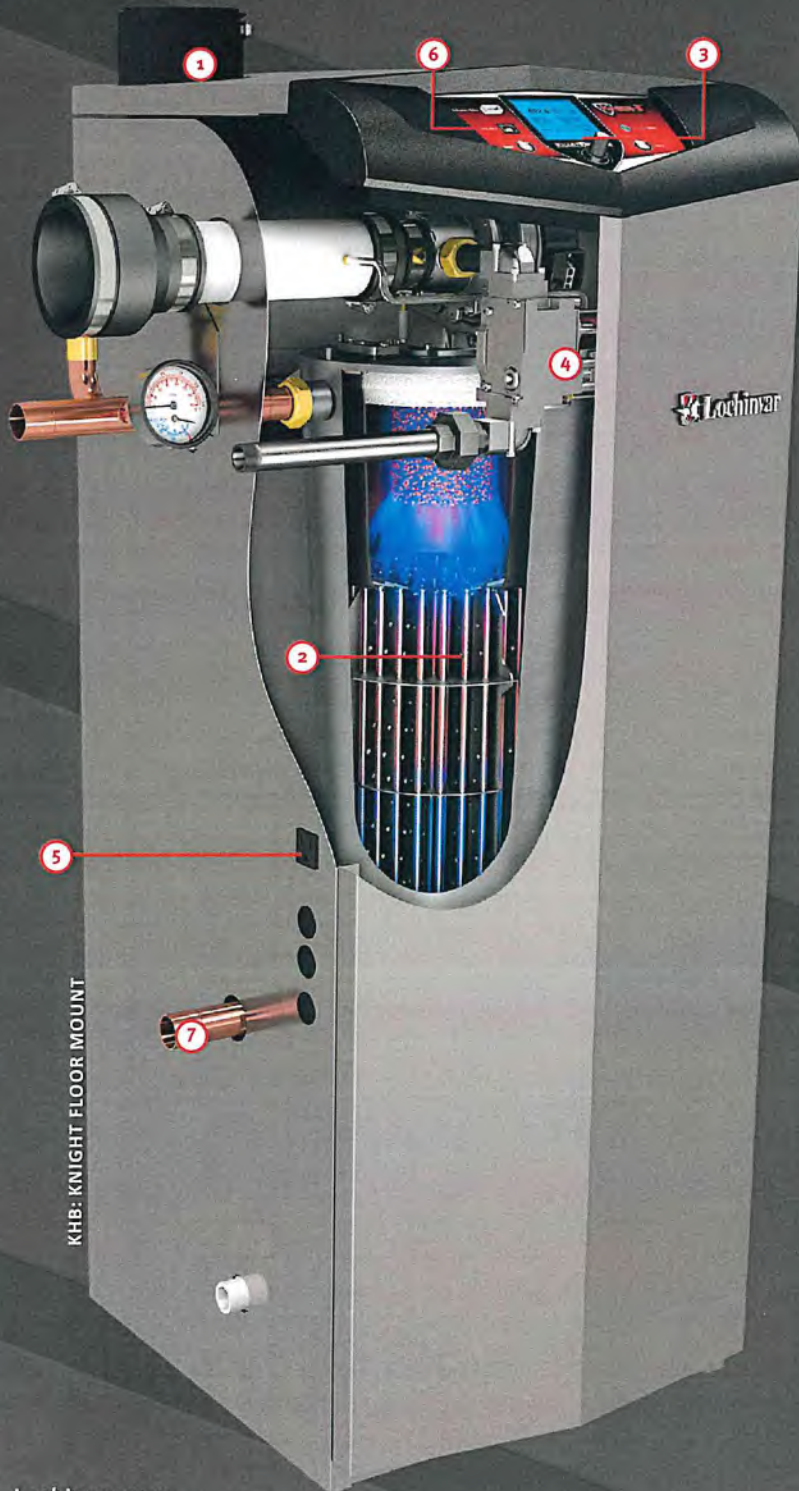
OPERATING COST



OPERATING COST: 120 DAYS/YEAR, 10 HOURS/DAY, \$0.12/KWH

KNIGHT[®]

FIRE TUBE BOILER



KNIGHT FEATURES

1 UNIVERSAL VENT CONNECTOR

Allows for easy installation of multiple vent materials.

2 FIRE-TUBE HEAT EXCHANGER

Low pressure drop saves on pump operation costs and provides installation flexibility, while stainless steel fights off corrosion.

3 SMART SYSTEM USER INTERFACE

A plain English, code free interface with multicolor diagnostic display.

4 10:1 MODULATION TURNDOWN

Saves money on fuel cost.

5 ELECTRICAL OUTLET (not shown on WHB)

Plug available for work light or condensate pump.

6 LOCH-N-LINK[®] USB PROGRAMMING

Allows for saving of parameters onto a USB drive for use at a different job site.

7 INSTALLATION FLEXIBILITY

Top and bottom water connection for the WHB. Top and left side utility connections for the KHB for easy retro-fitting, such as a cast iron efficiency upgrade.



BOILER CONTROL FROM ANYWHERE

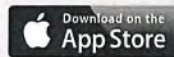
The industry's most advanced boiler control system now includes the CON-X-US® Remote Connect option and Loch-N-Link® USB drive programming feature. See next page for a complete list of SMART SYSTEM™ functions and features.

From wherever you are, the CON-X-US option lets you use any internet-capable device to link up with the SMART SYSTEM on an unlimited number of KNIGHT boilers. With CON-X-US, you're always in touch and in control. Optional CON-X-US control board is sold separately.

CON-X-US®



- » **DO REGULAR CON-X-US CHECKS FOR ALL YOUR KNIGHT CUSTOMERS, AND LET THEM KNOW YOU'RE MONITORING THEIR BOILER'S PERFORMANCE.**
- » **ADJUST SETPOINTS, DOMESTIC HOT WATER, RESET CURVES, PUMP DELAYS AND MORE, USING THE CON-X-US INTERACTIVE DISPLAY.**
- » **STATUS ALERTS VIA TEXT OR E-MAIL LET YOU KNOW WHEN A KNIGHT BOILER NEEDS ATTENTION.**



SMART SYSTEM

THE ULTIMATE IN BOILER CONTROL AND MONITORING

The backlit, user-friendly LCD display provides diagnostic information and system status in real words, not codes including:

SET-UP WIZARD

For fast and easy programing.

RAMP DELAY

Six steps of modulation to extend runtime and reduce cycling.

LOCH-N-LINK

Save parameters on a USB drive and take them with you for future use.

VACATION MODE

Tell your boiler when you are out of town to save energy.

OUTDOOR RESET WITH BOOST

Automatically change the set-point according to weather conditions.



MODULATION FACTOR

Fine tune boiler performance to be more or less aggressive depending on the application.



VARIABLE SPEED BOILER PUMP CONTROL

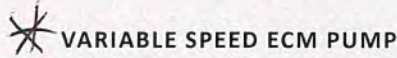
Keep the same Delta T at all firing rates to save electricity and increase performance.



THE BEST JUST GOT BETTER

New features include:

SET-UP WIZARD



UNIVERSAL VENT CONNECTOR WITH ANALYZER PORT

110V CONVENIENCE OUTLET

PARTS COMPATIBILITY BETWEEN FLOOR AND WALL MODELS

AUTOMATIC PARAMETER RESTORATION WHEN CONTROL IS REPLACED



WHB
KNIGHT WALL MOUNT

SMART SYSTEM™ FUNCTIONS AND FEATURES

SMART SYSTEM™ FEATURES

- » **Smart System Digital Operating Control**
Multi-Color Graphic LCD Display w/Navigation Dial,
Soft Keys and Loch-N-Link® USB programming
- » **Three Boiler Setpoint Temperature Inputs**
Plus Domestic Hot Water Prioritization
- » **Built-in Cascading Sequencer for up to 8 Boilers,
with Cascade Redundancy**
Multiple Size Boiler Cascade
Lead Lag
Efficiency Optimization
Front End Loading Capability
- » **Outdoor Reset Control with Outdoor Air Sensor**
Programmable for Three Reset Temperature Inputs
- » **Programmable System Efficiency Optimizers**
Space Heat Night Setback
Domestic Hot Water Night Setback
Anti-Cycling
Outdoor Air Reset Curve
Ramp Delay
Modulation Factor Control
Boost Temperature & Time
- » **Four Pump Control**
System Pump with Parameter for Continuous Operation
Boiler Pump with Variable Speed Control
Domestic Hot Water Pump
Domestic Hot Water Recirculation
- » **Domestic Hot Water Prioritization**
DHW tank piped with priority in the boiler loop
DHW tank piped as a zone in the system with the pumps
controlled by the SMART SYSTEM
DHW Modulation Limiting
Separately Adjustable Space Heat/DHW Switching Times
- » **Building Management System Integration**
0-10 VDC Input to Control Modulation or Setpoint
0-10 VDC Modulation Rate Output
0-10 VDC Input to Enable/Disable Call for Heat
- » **Access to BMS Settings through Graphic LCD Display**
- » **High-Voltage Terminal Strip**
120 VAC / 60 Hertz / 1 Phase Power Supply
Three Sets of Pump Contacts

- » **Low-Voltage Terminal Strip**
Domestic Hot Water Recirculation Pump Start/Stop
24 VAC Device Relay
Configurable Proving Contacts
Flow Switch Contacts
Alarm on Any Failure Contacts
Runtime Contacts
DHW Thermostat Contacts
3 Space Heat Thermostat Contacts
System Sensor Contacts
Domestic Hot Water Tank Sensor Contacts
Outdoor Air Sensor Contacts
Cascade Contacts
0-10 VDC BMS External Control Contact
0-10 VDC Boiler Rate Output Contacts
0-10 VDC Variable Speed System Pump Signal Input
0-10 VDC Signal to Control Variable Speed Boiler Pump
Modbus Contacts
- » **Time Clock**
- » **Data Logging**
Hours Running, Space Heating
Hours Running, Domestic Hot Water
Ignition Attempts
Last 10 Lockouts
- » **Maintenance Reminder**
Custom Maintenance Reminder with
Contractor Contact Information
Installer Ability to De-activate Service Reminder
- » **Low-Water Flow Safety Control & Indication**
- » **Password Security**
- » **Customizable Freeze Protection Parameters**

STANDARD FEATURES

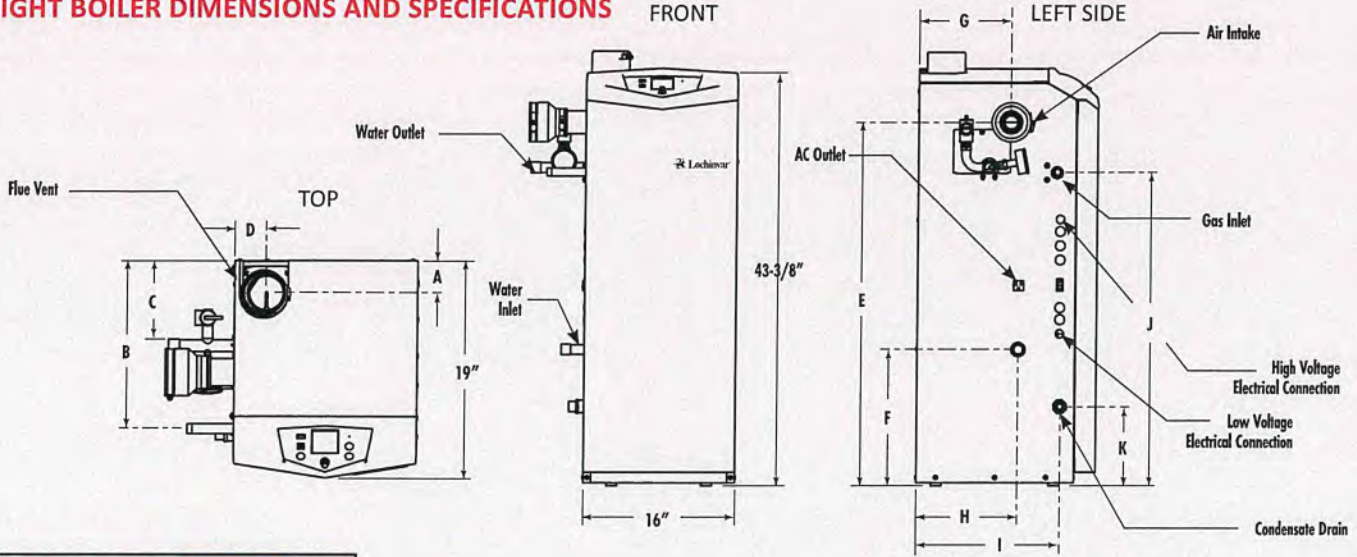
- » **ENERGY STAR Most Efficient Product**
- » **95% DOE AFUE Efficiency (WHB 55-285)**
- » **Modulating Burner with up to 10:1 Turndown**
Direct Spark Ignition
Low NOx Operation
- » **ASME Stainless Steel Heat Exchanger**
30 PSI ASME Relief Valve
- » **MNPT Top and Bottom Water Connections**
(WHB 55-285 only)

- » **Vertical & Horizontal Direct Vent**
PVC, CPVC, Polypropylene or SS Venting up to 100 feet
- » **Universal Vent Adapter**
Built-in Combustion Analyzer Port
- » **Smart System Control**
- » **Condensate Trap**
- » **ECM Variable Speed Boiler Circulating Pump**
- » **110V Convenience Outlet**
- » **High Altitude Models Available**
- » **Other Features**
Automatic Reset High Limit
Adjustable High Limit w/Manual Reset
Boiler Circulating Pump
Zero Clearances to Combustible Materials
15-Year Limited Warranty (See Warranty for Details)
5-Year Limited Parts Warranty
- » **Firing Codes**
M9 Standard Construction
M7 California Code

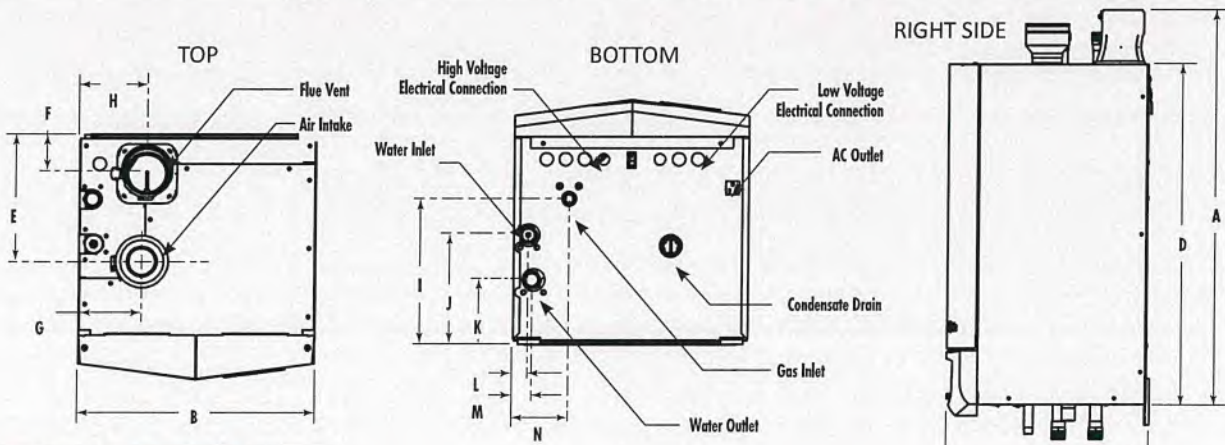
OPTIONAL EQUIPMENT

- CON-X-US® Remote Connectivity
- Modbus Communication
- BACnet MSTP
- Flow Switch
- Low-Water Cutoff w/Manual Reset & Test Alarm Bell
- Concentric Vent Kit
- SMART SYSTEM™ PC Software
- Condensate Neutralization Kit
- BMS Gateway to LON or BACnet IP
- Multi-Temperature Loop Control
- Sidewall Vent Termination
- Wireless Outdoor Sensor
- LP Conversion Kit

KNIGHT BOILER DIMENSIONS AND SPECIFICATIONS FRONT



FLOOR MOUNT <small>ASME CERTIFIED</small>						A	B	C	D	E	F	G	H	I	J	K	Gas Conn.	Water Conn.	Air Inlet	Vent Size	Shipping Wt. (lbs.)
KHB055N	8.3	55	51	44	95.0	3 1/2	13 1/4	6	2 3/4	37 2/3	13 1/2	8 1/3	10 1/2	15	32 1/2	8 1/3	1/2	1	2	2	160
KHB085N	8.5	85	79	69	95.0	3 1/2	13 1/4	6	2 3/4	37 2/3	13 1/2	8 1/3	10 1/2	15	32 1/2	8 1/3	1/2	1	2	2	165
KHB110N	11	110	102	89	95.0	2 3/4	14 3/4	7 1/2	2 3/4	38	14 1/3	9 3/4	10 1/2	15	33	8 1/3	1/2	1	3	3	170
KHB155N	15.5	155	143	124	95.0	2 3/4	14 3/4	7 1/2	2 1/2	38	14 1/3	9 3/4	10 1/2	15	33	8 1/3	1/2	1	3	3	175
KHB199N	19.9	199	184	160	95.0	3	15 1/2	7 1/2	2 1/2	38 1/3	14 1/3	10 1/2	11 1/2	15	33	8 1/3	1/2	1 1/4	3	3	195
KHB285N	28.5	285	264	230	95.0	3	15 1/2	7 1/2	2 1/2	38 1/3	14 1/3	10 1/2	11 1/2	15	33	8 1/3	1/2	1 1/4	3	3	205



WALL MOUNT <small>ASME CERTIFIED</small>						A	B	C	D	E	F	G	H	I	J	K	L	M	N	Gas Conn.	Water Conn.	Air Inlet	Vent Size	Ship Wt. (lbs.)
WHB055N	8.3	55	51	44	95.0	40"	18-3/4"	16"	31-1/8"	8-1/2"	3-3/4"	4-1/2"	6-1/2"	7-1/4"	8-7/8"	3-1/2"	1-1/2"	1-1/2"	6"	1/2"	1"	2"	2"	139
WHB085N	8.5	85	79	69	95.0	39-3/4"	18-3/4"	16"	31-1/8"	8-1/2"	3-3/4"	4-1/2"	6-1/2"	7-1/4"	8-7/8"	3-1/2"	1-1/2"	1-1/2"	6"	1/2"	1"	2"	2"	142
WHB110N	11	110	102	89	95.0	41-1/4"	18-3/4"	19"	31-1/8"	10"	2-3/4"	5"	5-1/4"	11-1/2"	8-1/2"	5"	1"	1"	4-1/2"	1/2"	1"	3"	3"	159
WHB155N	15.5	155	144	125	95.0	41-1/4"	18-3/4"	19-1/8"	31-1/8"	10"	2-3/4"	5"	5-1/4"	11-1/2"	8-1/2"	5"	1"	1"	4-1/2"	1/2"	1"	3"	3"	166
WHB199N	19.9	199	184	160	95.0	41-1/4"	18-3/4"	19-1/8"	31-1/8"	10-1/2"	3"	5-1/4"	6"	11"	9-1/2"	6-1/4"	1-1/2"	1-1/2"	4-1/2"	1/2"	1-1/4"	3"	3"	175
WHB285N	28.5	285	264	230	95.0	41-3/4"	18-3/4"	21-1/8"	31-1/8"	15"	3"	3-3/4"	5-1/4"	12-1/4"	11"	6-1/4"	1-1/2"	1-1/2"	6-1/2"	1/2"	1-1/4"	3"	3"	184
WHB399N	39.9	399	377	328	96.0	43-5/8"	25-1/4"	21-7/8"	34-3/8"	3-1/8"	4-1/4"	23"	3-7/8"	8-3/4"	12-1/2"	9-1/4"	2"	2"	23"	3/4"	1-1/2"	4"	4"	213

Information subject to change without notice.
 Dimensions shown are approximate and should not be used for construction purposes.
 Output is "Heating Capacity" for units with inputs <300 MBH and "Gross Output" for units ≥300 MBH.
 Change "N" to "L" for LP gas models.
 The Net AHRI Water Ratings shown are based on a piping and pickup allowance of 1.15.
 Lochinvar should be consulted before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc.
 The ratings have been determined under the provisions governing forced draft burners.

For technical information call 800-722-2101. Lochinvar, LLC reserves the right to make product changes or improvements without prior notice.

Lochinvar, LLC
 300 Maddox Simpson Parkway
 Lebanon, Tennessee 37090
 P: 615.889.8900 / F: 615.547.1000

[f](#) [in](#) [v](#) [Lochinvar.com](#)

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 (FR translation 9/2020) ASB-500-5/2022-Printed in U.S.A.



HVAC Service, Sales, and Controls
Serving Wisconsin and Upper Michigan

2085 West Packard Street, Appleton, WI 54914
info@automatedcomfort.com | 920.997.0780

November 11, 2024

**To: Oconto Falls City Hall
Atten: Peter Wills**

Subject: Boiler Replacement Estimate

For the sum of \$ 52,357.00 we propose to install two new Lochinvar Knight FTXL 98% efficient boilers this quote includes:

- Demo existing boiler, piping, venting, gas piping
- Setting two new Lochinvar Knight FTXL 400 Boilers (see specifications below) (see attached brochure and warranty information)
- New boiler pumps
- Gas piping
- Venting
- Condensate piping with neutralizes
- Electrical
- Boilers to run on standalone controls
- Start up and checkout

FTXL-400 Natural Gas, Fire Tube Condensing Boiler (97.5%) Efficiency, 399 mbh in/389 mbh out Full Modulation, Fire Tube stainless steel heat exchanger, stainless steel mesh burner (10 to 1 Turndown), variable speed combustion blower, negative reduction gas valve, supply and return temperature sensors, flue gas temp sensor, outdoor air temp sensor, front mounted terminal switch, line voltage junction box, polypropylene condensate trap, pressure relief valve and manual reset high limit.

For the sum of \$ 2,852.00 we propose integrating the boilers into the existing Delta Control DDC system, this will provide enhanced alarming features.

For the sum of \$ 1,179.00 we propose to install enteliweb software on the customer's pc or server.

For the sum of \$ 2,025.00 we propose to generate and install entelliviz graphics.

Includes as applicable, per plans and specifications:

- Installation labor and materials to be furnished by this contractor.
- Application engineering, system programming, graphics, control system start-up, as-built drawings, training and **(1) year warranty on parts and labor.**

Note:

- Conduit in mechanical rooms and where specified only
- Open (Free Air) installed control cable, J-hooks/Bridle rings where applicable.

Choose an item.

Excludes:

- Any additional work not listed above
- Performance, labor or material payment bonds

Our proposal is based on reaching an equitable contract agreement, working a normal 40-hour workweek: Monday through Friday, excluding Saturday, Sunday and Holidays and will not be withdrawn for a period of thirty (30) days. If obvious errors alert to a potential mistake, we reserve the right to withdraw this proposal at any time. Please incorporate our proposal into the terms of all contracts or purchase orders.

Paul Kreiling
920-378-2440

Acceptance of Proposal:

By: _____ Date: _____ P.O. No. _____

**HIGH EFFICIENCY
CONDENSING BOILERS**

FTXL™

FIRE TUBE BOILER

5 MODELS FROM 399,000 TO 850,000 BTU/HR

UP TO 98% THERMAL EFFICIENCY

UP TO 10:1 TURNDOWN RATIO

FLOW RATES FROM 10 TO 150 GPM


W/OPERATING CONTROL


REMOTE CONNECT CAPABLE



DESIGNED ★ ENGINEERED ★ ASSEMBLED

USA

 **Lochinvar®**



THE NEW 98% STANDARD

Lochinvar re-defined the fire-tube boiler category with its KNIGHT® Wall-Mount and CREST® lines. For residential and light commercial applications, the FTXL™ adds models from 399,000 to 850,000 Btu/hr, and takes Lochinvar's fire-tube technology to the next level. FTXL offers best-in-class AHRI Thermal Efficiency and footprints, plus remote connectivity that puts the SMART SYSTEM™ control at your fingertips, anywhere!

REDUCE INSTALLATION COST WITH VARIABLE FLOW TECHNOLOGY

FTXL can operate over a wide range of flow rates* with very low pressure drop. This permits installation of a "full flow" (variable primary) system eliminating the time and materials cost of primary/secondary piping, and pumps needed to maintain flow in a water-tube boiler. Variable flow also makes FTXL more flexible at handling frequent fluctuations in the system flow rate.

*See back page for minimum and maximum flow rates by model.

SMOOTH-RUNNING, MODULATING COMBUSTION

FTXL boilers have a top-mounted, micrometal fiber burner, with a blower/gas valve assembly that drives heat energy downward, through stainless steel fire tubes, with exhaust venting through the bottom of the unit. With up to 10:1 modulation turndown, the burner automatically changes its firing rate as building heat loads vary. An FTX500 fires at its maximum 500,000 Btu/hr rate when heat load is highest, then gradually "turns down" to as low as 10% (50,000 Btu/hr) as load decreases. A modulating system runs smoothly and efficiently, without frequent on/off cycling.

MINIMUM SUPPLY PRESSURE, INSTALLER-FRIENDLY

FTXL operates with supply gas pressure as low as 4 inches water column. *Negative Regulation* draws gas into a pre-mix combustion system, instead of relying on utility pressure through the gas valve. The result is steady operation in low gas pressure systems or when peak demand occurs on gas supply. Automatic fan speed control fine-tunes the correct fuel/air ratio entering the burner, providing superior combustion throughout the entire operating range.



MICROMETAL FIBER BURNER
DELIVERS HEAT TO THE
COMBUSTION CHAMBER

BAFFLES DIRECT THE
FLOW OF WATER FOR
OPTIMAL HEAT TRANSFER

WATER ENTERS THE BOTTOM
AND TRAVERSES UP AND
AROUND FIRE TUBES

DOWNWARD FLOW OF FLUE
GASES TRANSFER HEAT
WITHIN FIRE TUBES



INTRODUCING BOILER PLANT CONTROL, *FROM ANYWHERE.*

FTXL features the next generation of Lochinvar's all-in-one SMART SYSTEM operating control with a re-designed multi-color LCD interface. SMART SYSTEM provides outstanding functionality, and can be integrated directly into a Building Automation System via ModBus and other communications protocols. And now, the CON-X-US mobile communication platform allows SMART SYSTEM to go where no other boiler has gone before. †



CON-X-US provides the ability to monitor and manage multiple FTXL boiler plants without ever stepping into the mechanical room. CON-X-US will send alerts via text or e-mail notifying of changes in system status, and anytime, from anywhere, a user can check system status and re-program any boiler function. Once downloaded, the free CON-X-US mobile application allows for remote access to all SMART SYSTEM functions using any Internet-capable device.



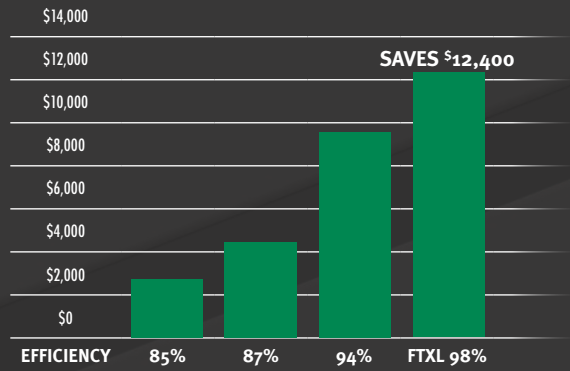
†CON-X-US control board sold separately. See back cover for a complete list of SMART SYSTEM features.

HOW 98% TRANSLATES INTO FTXL SAVINGS

Even when compared to other condensing boilers, the FTXL fire-tube combustion system will produce significant fuel cost savings. Here are three comparisons, based on building load of approximately 19,000 therms/year, at a cost of \$1.09 per therm of natural gas.

Fuel savings is based on a heating load of 19,000 therms per year being supplied by an 82% efficient boiler at the DOE National average for natural gas of \$1.09.

3 - Year Fuel Savings

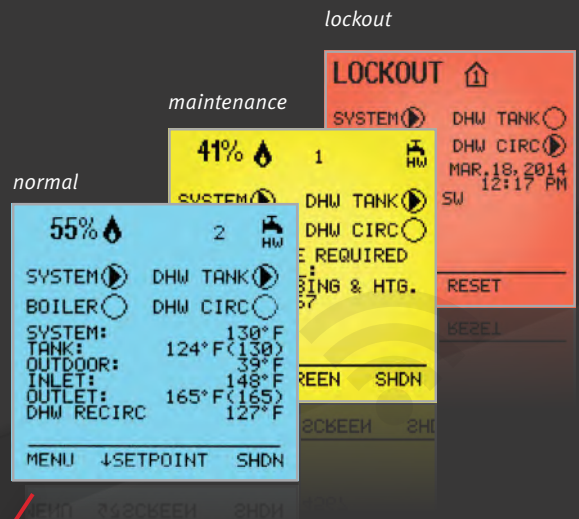


WIRELESS OUTDOOR SENSOR

Easy to install, greatly reduces time and materials cost for running sensor wire from standard outdoor temperature sensor to boiler control. Approximate range 2,000 feet line-of-sight.



ENHANCED MULTI-COLOR LCD INTERFACE



LOCH-N-LINK® EASY USB FLASH PROGRAMMING

Use a USB drive to name, store and easily manage multiple existing proven parameter sets. Quickly upload them via the front panel port into the FTXL boiler, reducing installation and programming time by up to 30 minutes per boiler.





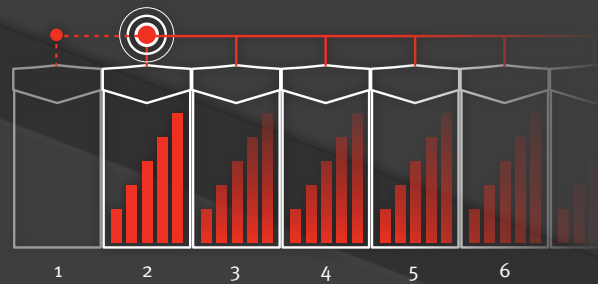
PEACE OF MIND, WHEN IT MATTERS MOST

Up to eight FTXL boilers can be sequenced using a 2-wire daisy-chain connection. Cascade sequencing can be programmed for "Lead-Lag" or "Efficiency Optimized" operation.

With Lead-Lag operation, one lead boiler modulates to capacity on demand. As load increases, the system then cascades to additional lag boilers in sequence. The first-on role shifts daily, distributing equal runtimes to each unit.

In an Efficiency Optimized system, all boilers fire and modulate simultaneously at the same BTU/hr input rates, maximizing thermal efficiency.

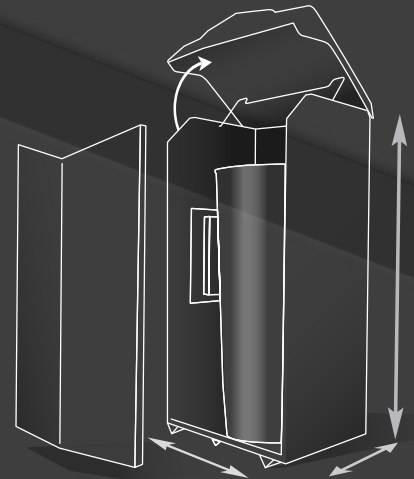
If the lead boiler is turned off for maintenance, Cascade Redundancy automatically shifts the lead role to the second sequenced boiler. Peace of mind comes from knowing the system will still function with no downtime until the original lead boiler is back online.



THE SMALLEST FOOTPRINT, EASY TO INSTALL & SERVICE

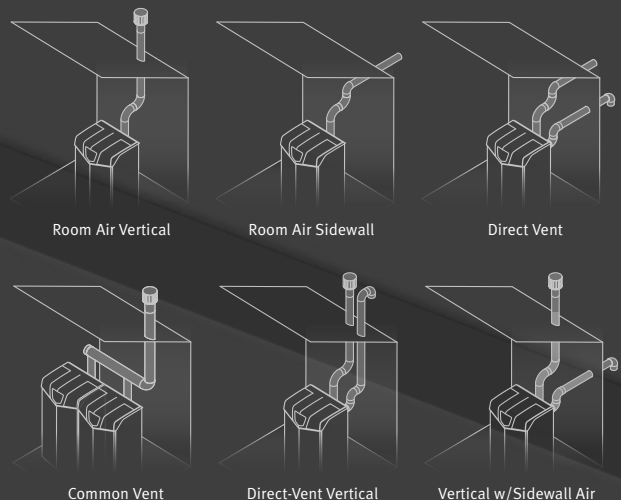
FTXL can be installed with zero clearance on the left and right, and the boiler's installed footprint is just 6.2 sq. ft.

All water, gas and vent connections are in the back of the unit. A hinged top opens for easy access to components and the front panel is easily removed using no tools.



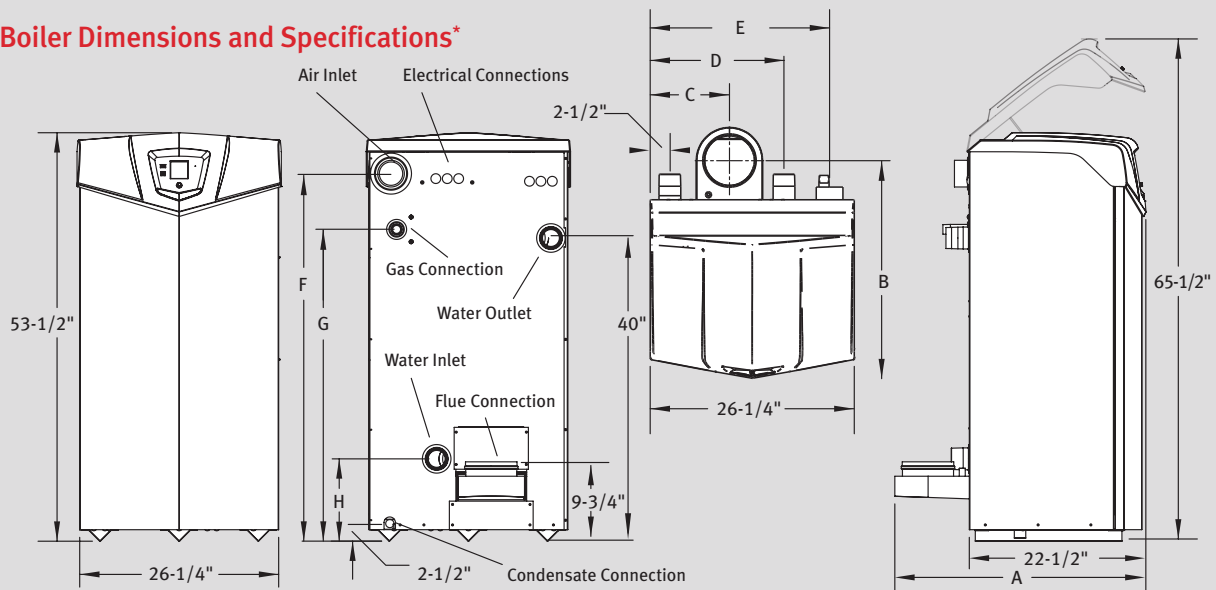
FLEXIBLE VENTING OPTIONS

FTXL offers 6 venting options, and permits direct-vent air intake and exhaust runs up to 100 equivalent feet, using PVC, CPVC, polypropylene or stainless steel pipe. Plus multiple units can be common-vented to reduce time and materials costs.



TO LEARN MORE, LOG ON TO WWW.FTXLBOILER.COM TODAY!

FTXL™ Boiler Dimensions and Specifications*



FTXL BOILER										DIMENSIONS AND SPECIFICATIONS													
Model Number	Input MBH			Gross Output MBH	Net AHRI Rating Water MBH	Therm. Eff. %	Flow (GPM)		HEX Water Volume (Gal)		A	B	C	D	E	F	G	H	Water Conn.	Vent Size	Air Inlet	Gas Conn.	Ship. Wt. (lbs.)
	Min Btu/Hr	Max Btu/Hr	Turn-down				Min	Max	Min	Max													
FTX400(N,L)	39.9	399	10:1	392	341	98.0	10	105	13	30-1/2	27-1/2	10-1/4	17	23-1/4	46-1/4	39-1/2	10-3/4	2	4	4	1	478	
FTX500(N,L)	50	500	10:1	489	425	97.7	15	105	12	30-1/2	27-1/2	10-1/4	17	23-1/4	46-1/4	39-1/2	10-3/4	2	4	4	1	504	
FTX600(N,L)	85.7	600	7:1	585	509	97.5	15	105	12	30-1/2	27-1/2	10-1/4	17	23-1/4	46-1/4	39-1/2	10-3/4	2	4	4	1	504	
FTX725(N,L)	103.6	725	7:1	705	613	97.2	20	150	17	33	28-1/2	10-1/2	17-1/2	23-1/2	48-1/2	41-1/4	11	2-1/2	6	4	1	575	
FTX850(N,L)	121.4	850	7:1	825	717	97.0	25	150	16	33	28-1/2	10-1/2	17-1/2	23-1/2	48-1/2	41-1/4	11	2-1/2	6	4	1	604	

* Information subject to change without notice. Dimensions are in inches. Select "N" or "L" for Natural or LP gas. *The Net AHRI Water Ratings shown are based on a piping and pickup allowance of 1.15. *Lochinvar should be consulted before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent system operation, extensive piping systems, etc. *The ratings have been determined under the provisions governing forced draft burners.

SMART SYSTEM FEATURES

- ▶ **Smart System Digital Operating Control**
Multi-Color Graphic LCD Display w/Navigation Dial
- ▶ **Loch-N-Link® USB Thumb Drive Port for Easy Programming**
- ▶ **Cascading Sequencer with Built-in Redundancy**
Selectable Cascade Type:
Lead Lag/Efficiency Optimization
Multiple Size Boilers
Front-End Loading
- ▶ **3 Reset Temperatures Inputs w/Independent Outdoor Reset Curves for Each Outdoor Sensor**
- ▶ **Four-Pump Control**
System Pump with Parameter for Continuous Operation
Boiler Pump with Variable-Speed Control
Domestic Hot Water Boiler Pump
Domestic Hot Water Recirculation Pump Control with Sensor
- ▶ **Building Management System Integration**
0-10 VDC Input to Control Modulation or Setpoint
0-10 VDC Input from Variable-Speed System Pump
0-10 VDC Modulation Rate Output Signal
0-10 VDC Enable/Disable Signal
- ▶ **Programmable System Efficiency Optimizers**
Space Heating Night Setback
DHW Night Setback
Anti-Cycling
Ramp Delay
Boost Time and Temperature
- ▶ **High-Voltage Terminal Strip**
120 VAC/60 Hertz/1 Phase
Pump Contacts for 3 Pumps
- ▶ **Low-Voltage Terminal Strip**
Building Recirculation Pump Start/Stop
Proving Switch Contacts

- Flow Switch Contacts
- Alarm Contacts
- Runtime Contacts
- 3 Space Heat Thermostat Contacts
- Tank Thermostat Contacts
- System Sensor Contacts
- Tank Sensor Contacts
- Cascade Contacts
- 0-10 VDC BMS Contacts
- 0-10 VDC Boiler Rate Output Contacts
- 0-10 VDC Boiler Pump Speed Contacts
- 0-10 VDC System Pump Speed Contacts
- ModBus Contacts
- ▶ Time Clock
- ▶ **Data Logging**
Ignition Attempts
Last 10 Lockouts
Space Heat Run Hours
Domestic Hot Water Run Hours

STANDARD FEATURES

- ▶ **97%-98% Thermal Efficiency**
- ▶ **Modulating Burner with up to 10:1 Turndown**
Direct Spark Ignition
Low NOx Operation
Sealed Combustion
Low Gas Pressure Operation
- ▶ **Stainless Steel Fire-Tube Heat Exchanger**
ASME-Certified, "H" Stamped
160 psi Working Pressure
50 psi Relief Valve
Combustion Analyzer Test Port
Fully Welded Design
- ▶ **Vertical and Horizontal Direct Vent**
Direct Vent up to 100 feet
PVC, CPVC, Polypropylene or AL29-4C
Factory Supplied Sidewall Vent Termination

Smart System Control

- ▶ **Other Features**
On/Off Switch
Adjustable High Limit with Manual Reset
Automatic Reset High Limit
Manual Reset Low Water Cutoff
Flue Temperature Sensor
Low Air Pressure Switch
Temperature and Pressure Gauge
Condensate Trap
Zero Service Clearances
10-Year Limited Warranty (See Warranty)
Custom Maintenance Reminder with Contact Info
Password Security
Customizable Freeze Protection Parameters

OPTIONAL EQUIPMENT

- CON-X-US® Remote Connectivity
- Motorized Isolation Valve
- Wireless Outdoor Temperature Sensor
- Multi-Temperature Loop Control
- Variable-Speed Boiler Circulator
- Constant-Speed Boiler Circulator
- ModBus Communication
- Alarm Bell
- Condensate Neutralization Kit
- Concentric Vent Kit (FTX400-FTX600)
- BMS Gateway to BACnet or LonWorks
- BACnet MSTP
- High and Low Gas Pressure Switches w/Manual Reset (FTX500-FTX850)
- ▶ **Firing Controls**
M9-Standard Construction
M13-CSD-1/FM/GE Gap (FTX500-FTX850)

COMMERCIAL BOILER



10 YEAR LIMITED WARRANTY

EFFECTIVE:

For 10 Years, Lochinvar warrants this product against defects in materials or workmanship and failure due to thermal shock as described in this document, if installed within the United States or Canada, and provided the product remains at its original place of installation.

Warranty coverage begins on the date of installation OR the date of manufacture if installation cannot be verified. *Note: The date of manufacture can be determined using the Serial Number, located on the silver rating label (Example: D12H0024168).*

WHAT IS COVERED:

Subject to these terms, in the event of a defect in materials or workmanship appearing during the first year, Lochinvar will repair, or at our discretion, replace any part of the product covered under this warranty.

After 1 year, Lochinvar will repair or, at our discretion, replace the defective heat exchanger, for a period of **9 more years**. **You are responsible for all labor, shipping, delivery, installation, and handling costs.**

Unless authorized in writing, all products must be returned to the factory for warranty determination, at the owner's expense.

Any replacement part or product will be warranted only for the unexpired portion of the original product's limited warranty period.

If an identical model is no longer available due to a change in law, regulation, or standard, Lochinvar will replace the product with one having at least the same capacity and of equal input. In these instances, you will have the option of paying the difference between what you paid for the original model and the new model with the additional features, or receiving a refund of the portion of the purchase price allocable, on a pro-rata basis, to the unexpired portion of the warranty period.

OWNER'S RESPONSIBILITIES:

Owners are responsible for selecting a qualified service provider. Visit www.Lochinvar.com for a list of service providers in your area.

- Follow all instructions enclosed with the product.
- Retain all bills of sale or receipts for proof of installation.
- Provide copies of all service and maintenance records.
- Contact your installer or dealer as soon as any problem or defect is noticed.

FOR SERVICE OR WARRANTY INQUIRIES:

Call your local installer or dealer. Be ready to provide the following information: your name, address and telephone number; the model and serial number of your Lochinvar, product; proof of installation; and a clear description of the problem.

WHAT IS NOT COVERED, PROBLEMS CAUSED BY:

- Problems caused by improper: gas supply line sizing, gas type, venting, connections, combustion air, voltage, wiring, or fusing
- Improper installation, sizing, delivery, or maintenance
- Failure to follow printed instructions enclosed with the product
- Abuse, misuse, accident, fire, flood, Acts of God
- Improper venting and air intake materials, length, construction, or operations
- Claims related to rust, excessive noise, smell, or taste of water
- Failure to conduct authorized factory start up as required
- Failure to properly perform maintenance, as outlined in the instruction manuals provided by the manufacturer
- Damages due to a failure to allow for thermal expansion
- Alterations that change the intended or certified use of the product
- Failure to follow applicable codes
- Improper chemical addition
- Service trips to explain proper installation, use, or maintenance of the product/unit or to describe compliance requirements under applicable codes and regulations
- Charges related to accessing the product including but not limited to door/wall removal, equipment rental, etc.
- Replacement parts after expiration of this warranty
- Premium associated with after hours or overtime labor

LIMITATIONS:

NOTWITHSTANDING ANYTHING ELSE TO THE CONTRARY, THIS IS YOUR SOLE AND EXCLUSIVE WARRANTY. ALL OTHER WARRANTIES, INCLUDING A WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE EXPRESSLY DISCLAIMED. SELLER SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL, PUNITIVE OR OTHER INDIRECT DAMAGES. TOTAL LIABILITY ARISING AT ANY TIME SHALL NOT EXCEED THE PURCHASE PRICE PAID WHETHER BASED ON CONTRACT, TORT, STRICT LIABILITY OR ANY OTHER LEGAL THEORY.



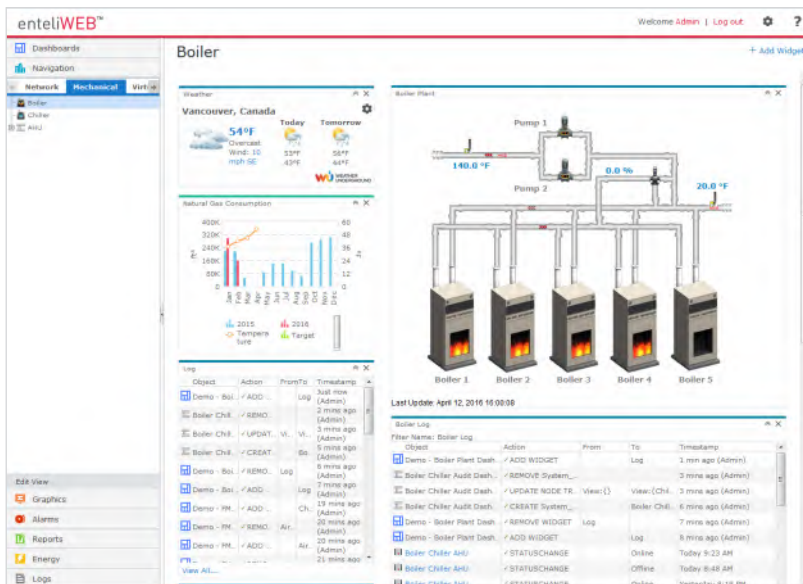
Software: Enterprise Facility and Energy Management

Description

enteliWEB is a web-based application that connects all your facilities and centralizes building management operations, site engineering, and energy analytics.

View your building your way by creating your own personal dashboards. Whether you are an executive, an energy manager, or a building operator, the user experience in enteliWEB can be tailored to meet your exact needs.

- ▶ **Energy Analytics** inside of enteliWEB enables you to turn the existing data and sensors inside your building into virtual meters and manage energy consumption down to the zone and equipment level. This software-based approach gives you a complete level of knowledge at a fraction of the cost of installing sub-meters.
- ▶ **Engineering Tools** in enteliWEB allow you to create, edit, and save objects, modify system graphics, and back up databases from a single modern-looking front end.
- ▶ **Centralize Facility Management** and make it easy to integrate scheduling, alarm management, and operations. Connect to all of your buildings under a single login without having to network everything together. Track all building automation system (BAS) changes by service personnel, partner technicians, and facility managers in enteliWEB.



Specifications

BACnet Device Profile
Advanced Operator Workstation (B-AWS)
Secure Connect Hub (B-SCHUB)

Server Operating System
Microsoft Windows Server 2016
Microsoft Windows Server 2019
Microsoft Windows Server 2022
Microsoft Windows 10
Microsoft Windows 11

Server Virtualization
VMware vCenter Server
Microsoft Hyper-V
Microsoft Azure
Amazon EC2
Rackspace Cloud Server

Client Operating System
Microsoft Windows Server 2016
Microsoft Windows Server 2019
Microsoft Windows Server 2022
Microsoft Windows 10
Enterprise, Pro, Education, IoT
Microsoft Windows 11
Enterprise, Pro, Education, IoT
Apple macOS X v10.4+

Client Browser
Google Chrome 85+
Microsoft Edge 85+
Mozilla Firefox 79+
Apple Safari 14+

enteliWEB®

enteliVAULT® Archiving

enteliVAULT provides powerful, secure data archiving.

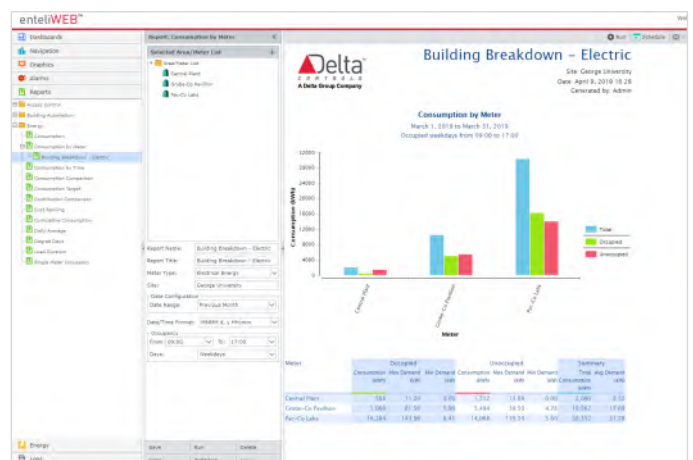
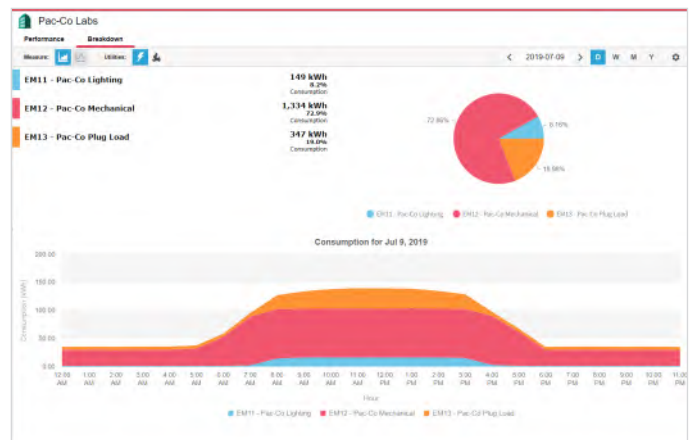
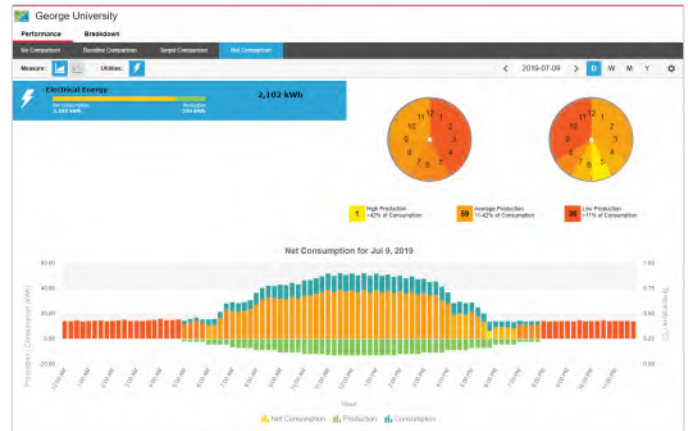
- ▶ **Up to 100,000 Trend Logs Supported.** Allows large amount of data to be stored in a central location that is easy to manage.
- ▶ **Improved Workflows.** Easy to set up and use, with no hardware or software to install, or firewalls to manage. Detects and archives all trend logs on site automatically.
- ▶ **Energy Management Integration.** Shows energy reports and archived meter data when the Energy Management add-on is enabled in enteliWEB.

enteliWEB Energy

enteliWEB Energy is an enterprise energy management package that makes it easy for anyone to understand the energy usage of their building.

Leveraging the rich dashboard interface of enteliWEB, you can view your system's energy usage, set target energy goals, and compare your energy usage against historical baselines.

- ▶ **Local or Cloud Applications.** enteliWEB Energy is the only energy analytics solution that scales from locally installed dashboards and reports to powerful cloud-based analytics.
- ▶ **Virtual Meters.** Find out exactly which building system is consuming too much energy without having to install costly wired meters. Virtual Meters utilize sensors and the data already gathered by the building automation system to track the energy consumption of every piece of equipment in your building, giving you unprecedented visibility into your consumption profile. You can also validate the calculated virtual meters with upstream utility meters.
- ▶ **Tracking Energy Production.** If your site generates power from renewable resources, use the interactive calendar in enteliWEB Energy to locate periods of highest and lowest production, and any net gains from production in a comparison chart.
- ▶ **Intuitive Dashboards.** These interactive dashboards allow you to analyze and breakdown usage to find energy savings. You can also create energy reports, and send and receive them by email.
- ▶ **Alerts and Insights.** Simple alerts to analytics-based Insights warn you in advance of potential consumption overages. Both alerts and Insights are announced in enteliWEB and can also be set up for email notification.

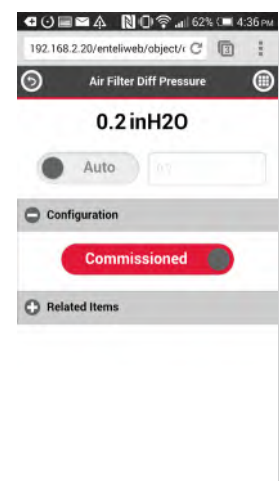
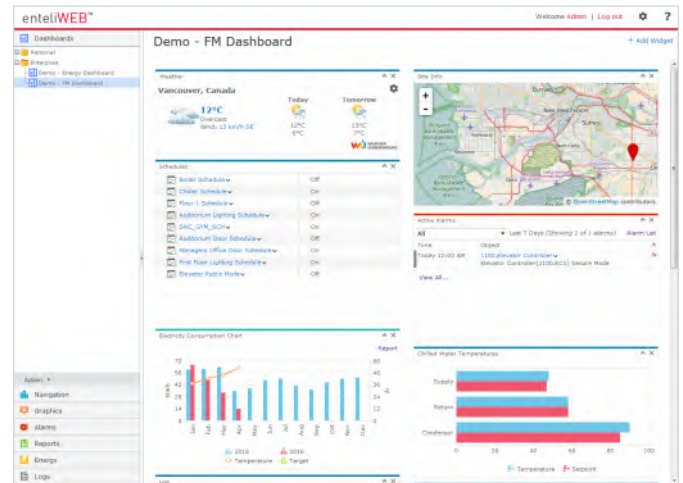


enteliWEB®

Visualizing Your Building

enteliWEB makes your data more accessible by presenting information in a visually attractive and user-friendly way.

- ▶ **Enterprise Dashboards.** Provide high level information in simple graphical formats to help manage the facility's key performance indicators (KPIs).
- ▶ **Personal Dashboards.** Personal dashboards are an experience you create yourself. By mixing and matching widgets, each user gets their own personalized dashboard to keep an eye on things that matter.
- ▶ **System Dashboards.** Make operating a facility easy by aggregating system graphics, alarm management, energy information, and more into a single dashboard screen.
- ▶ **Navigator.** Automatically scans the BACnet network and presents devices in a logically arranged network tree. BACnet objects can be monitored and commanded directly from Navigator, or opened from Navigator to change the configuration details.
- ▶ **enteliVIZ™ Graphics.** Create HTML5-based intelligent visualizations and equipment graphics in your web browser. Use them in dashboards alongside other widgets, or as full-page standalone graphics.
- ▶ **Mobile Friendly.** Dashboard and object pages are optimized for viewing on your smartphone or tablet. Whether you just want an overview, or you need to override a point, dashboard-driven navigation makes it easy to drill down from high-level views to specific BACnet objects. Finger-friendly buttons and large text mean you don't have to pinch-and-zoom to view content.
- ▶ **Multiple Language Display.** Support your stakeholders in the language that they are most comfortable using. enteliWEB's user interface can be displayed in one of 22 world languages by selecting the language preference in each user account.
- ▶ **Building Automation Reports.** Gather information about your building by querying controllers on the network and displaying them in professional-looking reports. Reports can be converted to multiple file types, such as .pdf and .xlsx and emailed automatically on a schedule.

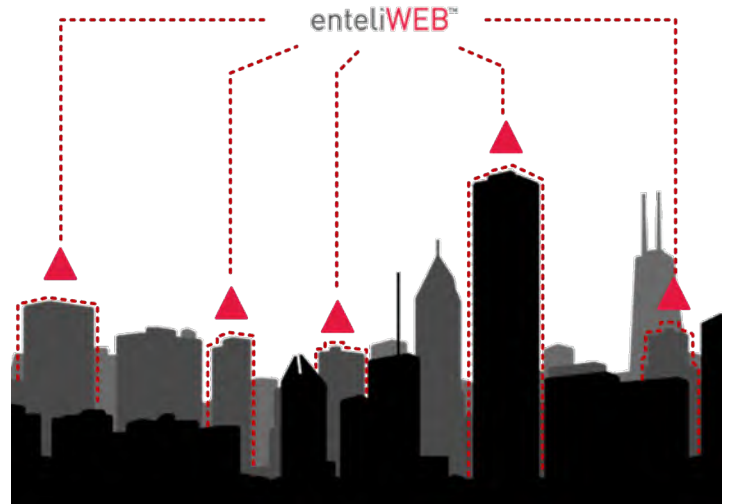


enteliWEB®

Centralizing Facility Management

enteliWEB provides you the tools to manage multiple sites more effectively.

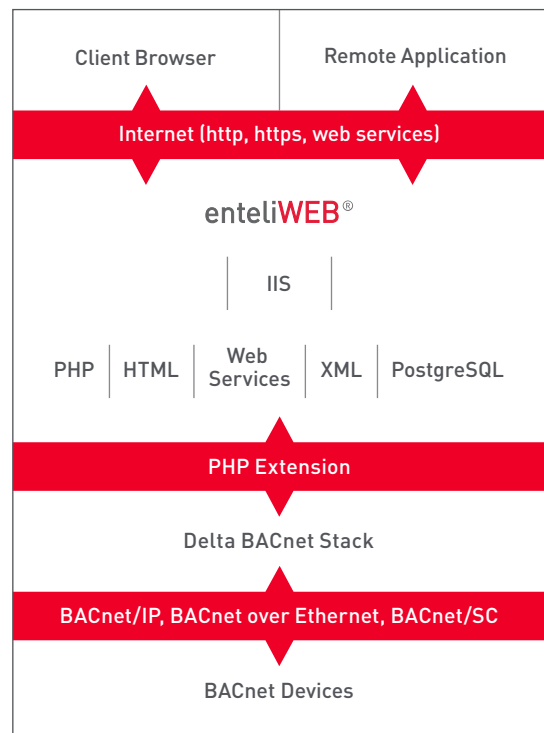
- ▶ **Single Login.** Manage multiple sites using a single login. No need to worry about duplicate addresses or networking everything together. All you need is an IP address for each site.
- ▶ **Retain Supervisory Control** of your entire portfolio of BACnet sites. Leave the other vendor's front end on-site while centralizing your alarm management, scheduling, and energy analytics with enteliWEB.
- ▶ **Version Independent Software.** Allows organizations to operate an entire WAN without having to worry about maintaining different firmware versions in the hardware.
- ▶ **Restore and Backup.** Restore your entire BAS to an earlier state or quickly find a specific backup of a device. Schedule daily, weekly, or monthly backups across devices on multiple sites.



Platform for Innovation

enteliWEB's suite of development tools allow you to create mobile apps, customize user interfaces, and integrate third-party software.

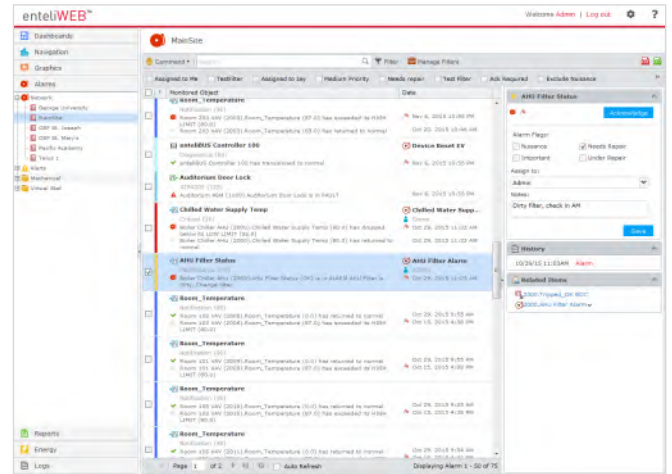
- ▶ **API Documentation Available.** The enteliWEB application programming interface (API) is well-documented, allowing you to easily create custom modules, widgets, and interfaces to third-party software.
- ▶ **BACnet Web Services.** Allow remote applications, such as mobile apps or business systems, to communicate with enteliWEB.
- ▶ **Alarm Module.** The alarm module allows alerts and alarms from non-BACnet systems to be annunciated and managed within enteliWEB.
- ▶ **Open Source Reporting Package.** Design custom reports in enteliWEB using an industry-standard open source report package.
- ▶ **ODBC Driver.** Integrate the building automation system with business-level software.



Alarms

enteliWEB has a robust alarm management system that provides a detailed look at the issues and problems that come up on your sites.

- ▶ **Comprehensive Alarm Management.** Includes intelligent visualizations, alarm assignments, and operator comments on one screen. Powerful filtering, emailing, and prioritization make enteliWEB alarm management effective on even the largest sites.
- ▶ **Alarm Widgets.** Can be added to any dashboard for a quick summary of specific data types. The Site Info widget uses push pins on a map of your building locations to indicate the number and severity of alarms. The Alarm List widget shows the active alarms for specific equipment and the widget can be added to system dashboards.

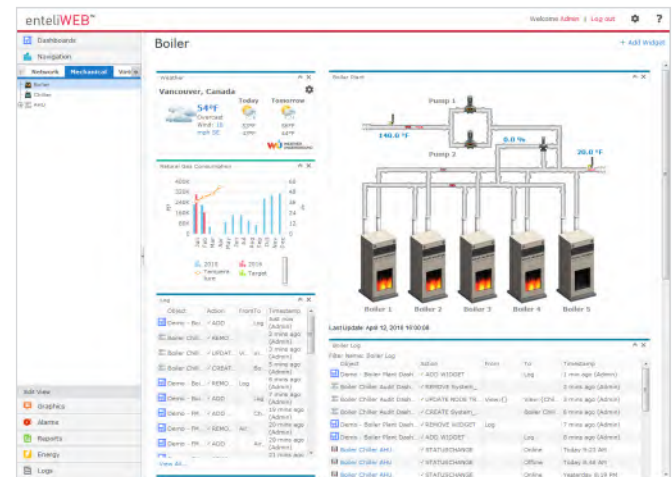


Electronic Signatures

enteliWEB supports electronic record regulations like FDA Code of Regulations Title 21 Part 11 by enforcing electronic signatures on modifications made in these validated environments. Signatures are recorded in the enteliWEB audit log. For more information, see the enteliWEB FDA 21 CFR Part 11 Compliance white paper.

User Permissions

- ▶ **User/Group Permissions.** Permissions give you the ability to assign roles and determine which BACnet objects and visualizations a user can see and interact with.
- ▶ **Active Directory Integration.** Allows user logins to be managed via AD FS, Azure, AWS, Google, and LDAP.
- ▶ **Multilanguage Support.** Gives each user the option to select the language they want to use throughout enteliWEB.



enteliWEB®

Access Control

enteliWEB provides intuitive user-friendly dashboards to allow you to effectively manage your single site or multisite enterprise access control.

The built-in access control dashboards leverage enteliWEB's single-seat management interface so that you can easily enroll, provision, assign and manage access rights.

- ▶ **Custom User Fields.** Quickly enter user information that can include conventional data fields and other site-specific information such as title, department, license plate, etc.
- ▶ **Custom Groups to Provision Users.** Whether your facility has a few or hundreds of access points, enteliWEB uses unique access groups that link access rights, access points and access roles to easily provision users.
- ▶ **Real-Time Access to Events and Alarms.** View access events in real-time on the Event Viewer dashboard. Filter the display of events and access alarms by type, level of priority, and time range.
- ▶ **Flexible Access Reporting.** Generate reports that answer simple to complex questions about your access system, card users, and their activities.
- ▶ **VIVOTEK VAST 2 Integration.** Add VIVOTEK's line of video surveillance cameras and video management software to enhance your access control system. When linked, you can view live video feeds directly in enteliWEB.

Event Type	Event Time	Door / Device	Access Door	Site	Details
Access Granted	2020/01/12 15:00:45	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:01:30	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:01:35	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:01:40	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:01:45	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:01:50	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:01:55	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:02:00	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:02:05	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:02:10	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:02:15	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:02:20	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:02:25	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:02:30	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:02:35	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:02:40	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:02:45	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:02:50	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:02:55	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:03:00	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:03:05	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:03:10	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:03:15	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:03:20	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:03:25	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:03:30	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:03:35	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:03:40	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:03:45	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:03:50	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:03:55	IF Door-Multimedia A2D	Access Door	Site 1	Details
Access Granted	2020/01/12 15:04:00	IF Door-Multimedia A2D	Access Door	Site 1	Details

Name	Value	Door Status	Door Forced Open	Secured Status	Timed Override Expiry
CH Central Plant Door	Pulse Unlock	Closed		Unsecured	
CH Entry Door	Lock	Closed		Secured	
PT Entry Door	Lock	Closed		Secured	
PT Server Room Door	Lock	Closed		Secured	

Audit Log

Audit logs provide the ability to track changes made to the system. The powerful filtering and timeline chart make it easy to find the information you're looking for, including manual changes to outputs, alarm history and any other changes made by the system's users.

Time	Address	Area	IC	Comments
2020/01/12 15:00:45	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:01:30	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:01:35	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:01:40	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:01:45	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:01:50	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:01:55	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:02:00	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:02:05	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:02:10	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:02:15	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:02:20	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:02:25	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:02:30	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:02:35	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:02:40	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:02:45	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:02:50	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:02:55	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:03:00	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:03:05	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:03:10	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:03:15	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:03:20	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:03:25	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:03:30	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:03:35	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:03:40	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:03:45	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:03:50	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:03:55	192.168.1.1	Access	Admin	Access Granted
2020/01/12 15:04:00	192.168.1.1	Access	Admin	Access Granted

enteliWEB®

Software: Enterprise Facility and Energy Management

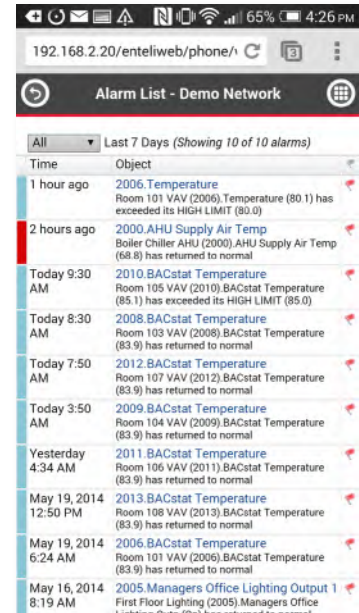
Ordering

enteliWEB is available in 200, 500, 1000, 2500, and Enterprise editions. All editions and add-ons include 1-year software maintenance subscription.

Edition	Includes	Select One or More Add-Ons
eW200	200 I/O, multiple sites	-EV enteliVIZ graphics -EM Energy management -VLT enteliVAULT
eW500	500 I/O, multiple sites	-VM enteliWEB on an offline virtual machine -API Web services, mobile app, interface API and ODBC Driver
eW1000	1000 I/O, multiple sites	
eW2500	2500 I/O, multiple sites	
eWEnt	5000 I/O (expandable with add-ons), multiple sites	-EV enteliVIZ graphics -EM Energy management -VLT enteliVAULT -VM enteliWEB on an offline virtual machine -API Web services, mobile app, interface API and ODBC Driver -2500IO 2500 I/O point add-on -25kIO 25000 I/O point add-on -UnLtd Unlimited I/O point add-on

V4 Access Dashboards

Select add-on	ACC50	ACC250	ACC500	ACC1000	ACCUnLtd
	Access Dashboards license up to 50 doors	Access Dashboards license up to 250 doors	Access Dashboards license up to 500 doors	Access Dashboards license up to 1000 doors	Access Dashboards license with unlimited doors



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Updated August 2023

Subject to change without notice.

- Dashboards
- Navigation
- Graphics

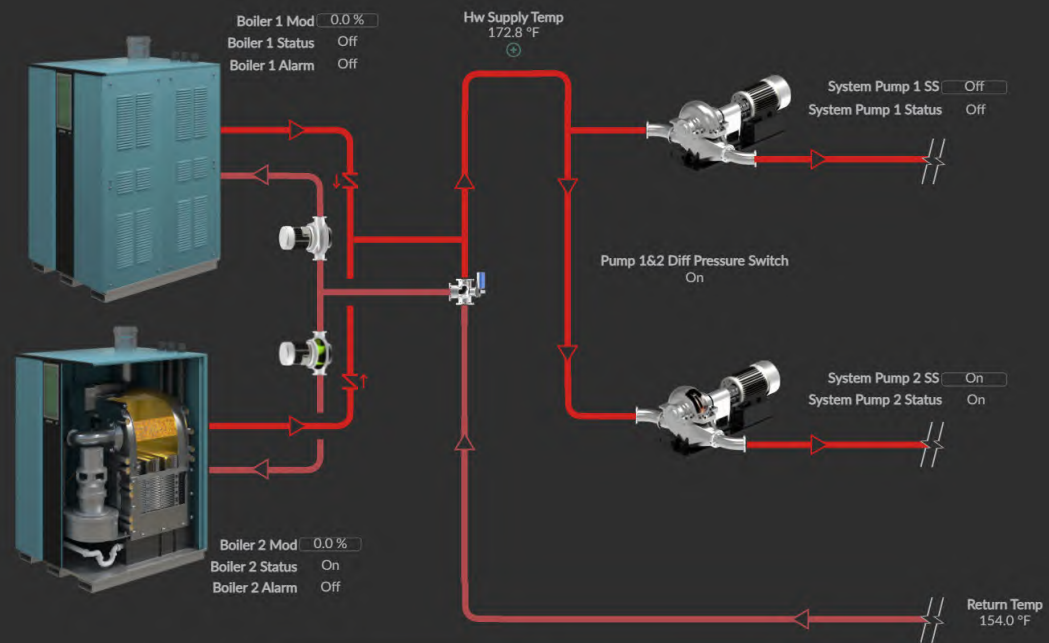
Search

St Paul Elder Service

Home

St Paul Elder Service | Manor Heating System

Manor Rtu-Boilers-Hru (DEV300)
DSC_1616E



- enteliVIZ HTML5 Designer |
- Alarms
 - Reports
 - Logs

Outdoor Air Temp 30.8 °F

Control Settings

Boiler Enable Sp

Boiler Enable


Hot Water Supply Sp


Lead Equipment Settings


Lead Boiler

Lead Pump


Save To Flash

 Dashboards

 Navigation

 Graphics

Search

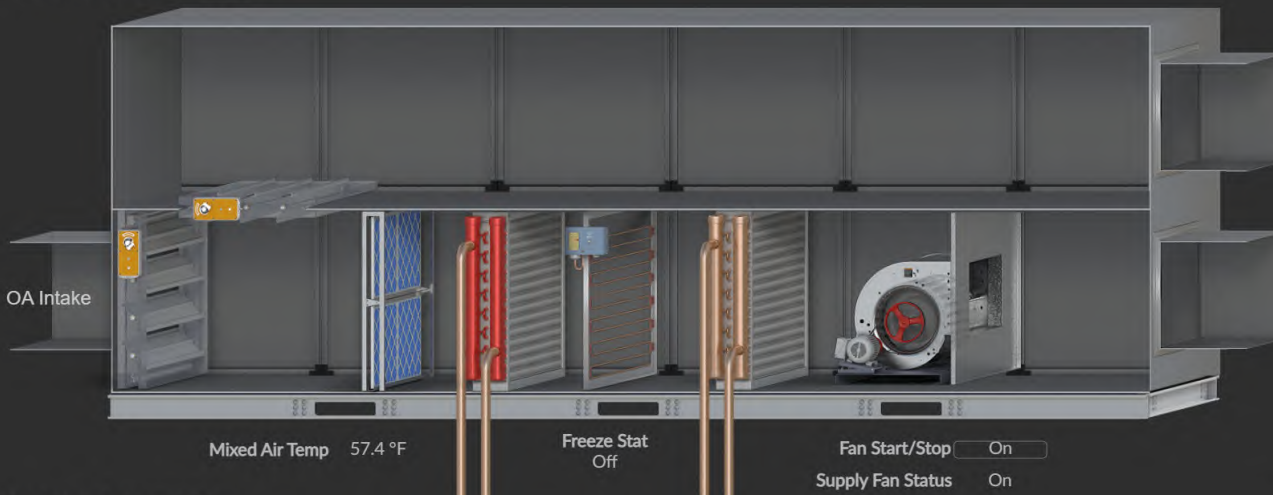
 Home

St Paul Elder Service | House Keeping AHU

House Keeping Ahu (DEV700)
DSC_1146E




Mixed Air Dampers



Return Temp
67.8 °F

Da Temp
59.7 °F




House Keeping Rm Temp
69.5 °F


Mixed Air Temp 57.4 °F

Freeze Stat
Off

Fan Start/Stop
Supply Fan Status

Outdoor Air Temp

Heating Valve

Cooling Stage 1

Unit Settings




Mech Clg Enable Sp
Outside Air Min Pos Sp

Unit Status

AHU Mode
AHU Status
Mech Cooling Enable
Econ Cooling Enable

Schedules

Ahu Schedule

-  Dashboards
-  Navigation
-  Graphics

Search

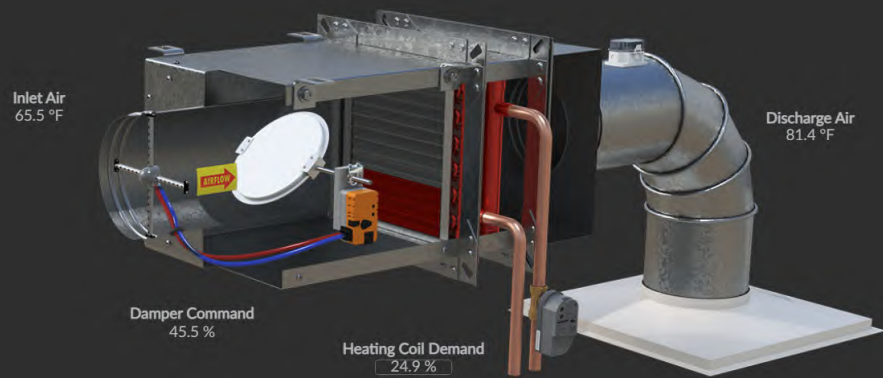
St Paul Elder Service

Home

St Paul Elder Service | CBRF Lower Level

Room Control




Vav 15 (DEV315)
eZVP-440



VAV Operation	
Airflow	185 CFM
Airflow Setpoint	171 CFM

Temperature Settings	
Room Temperature	72.2 °F
Heating Setpoint	72.0 °F
Cooling Setpoint	73.5 °F

Save To Flash

- enteliVIZ HTML5 Designer |
-  Alarms
 -  Reports
 -  Logs

- Dashboards
- Navigation
- Graphics

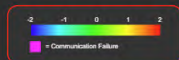
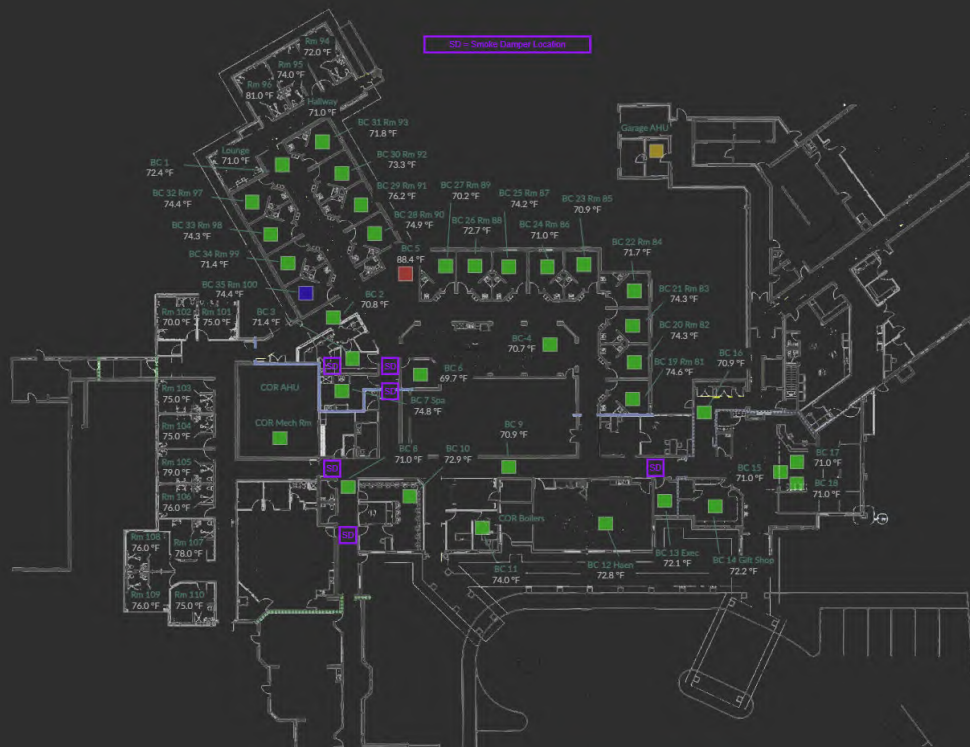
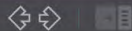
Search

- St Paul Elder Service
- Home

enteliVIZ HTML5 Designer

- Alarms
- Reports
- Logs

St Paul Elder Service | COR Floor Plan





*HVAC Service, Sales, and Controls
Serving Wisconsin and Upper Michigan*

2085 West Packard Street, Appleton, WI 54914
info@automatedcomfort.com | 920.997.0780

November 11, 2024

**To: Oconto Falls City Hall
Atten: Peter Wills**

Subject: Air Conditioning Replacement Budget Estimate

Subject: AC Replacement Budget Estimate

For the sum of \$ 82,015.00 we have estimated to install one Trane 30ton condenser (only heard back from Trane) this quote includes:

- o Demo existing condenser, piping
- o Setting new condenser on existing pad
- o Crane work
- o New evaporator coil
- o Refrigeration piping with specialties
- o Painted piping insulation
- o Electrical
- o Controls
- o Start up and checkout

Includes as applicable, per plans and specifications:

- Installation labor and materials to be furnished by this contractor.
- Application engineering, system programming, graphics, control system start-up, as-built drawings, training and **(1) year warranty on parts and labor.**

Note:

- Conduit in mechanical rooms and where specified only
- Open (Free Air) installed control cable, J-hooks/Bridle rings where applicable.

Choose an item.

Excludes:

- Any additional work not listed above
- Performance, labor or material payment bonds

Our proposal is based on reaching an equitable contract agreement, working a normal 40-hour workweek: Monday through Friday, excluding Saturday, Sunday and Holidays and will not be withdrawn for a period of thirty (30) days. If obvious errors alert to a potential mistake, we reserve the right to withdraw this proposal at any time. Please incorporate our proposal into the terms of all contracts or purchase orders.

Paul Kreiling
920-378-2440

Acceptance of Proposal:

By: _____ Date: _____ P.O. No. _____

City Hall Technology Upgrades

City Hall Technology, Key cards & Cameras Recommendation

M&M Automated Services -Mike Frievalt

A. YEALINK Meeting Board	\$10,991
B. Keycard System & Camera Controller	\$10,483
C. City Hall Cameras	\$21,287
D. Four Facilities cameras conversion	
i. Eastside Beach	\$1,500.00
ii. Memorial Field	\$1,500.00
iii. Street Dept Westside	\$5,168.40
iv. Westside Beach	<u>\$4,958.40</u>
Total for four locations	\$13,126.80

Total For Technology Upgrades **\$55,887.70**

Yealink

MeetingBoard

COLLABORATIVE, INNOVATIVE, EFFECTIVE



reddot winner 2022



Integrated Intuitive
Whiteboard



Premium AI Audio
and Video



Full Device
Ecosystem



Fits to
All Rooms

Yealink MeetingBoard is a truly all-in-one collaboration space solution that fits all meeting rooms. It consists of a 4K camera, crystal-clear speaker, full-duplex microphones, and a 65/86 inch collaboration whiteboard to provide an immersive meeting experience and allow collaboration anytime, anywhere.

*Yealink reserves the right of final interpretation.

Premium and Intelligent Video Experience

— provides an immersive conference environment



- 4K Built-in Camera
- Professional SONY Image Sensor
- 12X/6X Detachable Optional PTZ Camera for Larger Spaces
- Electronic Privacy Shutter



(first in the industry)

Intelligent AI Features

Auto Framing | Speaker Tracking | Picture-in-Picture* | Smart Gallery* | Multi Framing*

Auto Framing

Auto framing recognizes the number and the positions of attendees, framing everyone smoothly in the most appropriate view even in small spaces.



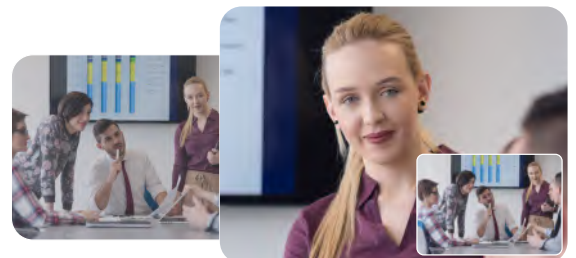
Speaker Tracking

Speaker tracking frames a real-time close-up on the presenter, bringing a vivid face-to-face meeting experience and ensuring attendees are well-engaged.



Picture-in-Picture

Based on speaker Tracking, users can switch to Picture-in-Picture (PiP) mode when starting a meeting. PiP tracks and frames the speaker in an individual window, which is separate from the other window, for a panoramic view, enabling users to keep an eye on who's talking even if the speaker is seated at a distance in a medium room.



* Coming soon



4+2 Stereo Speakers



Supports Stereo Audio



High Fidelity Sound Quality



Wide Range of Sound Coverage



Industry Acoustic Fabric Design

Premium 8m Full-Duplex Audio Experience

—as if everyone were sitting across from one another



Dedicated AI Audio DSP



8 Full-Duplex Audio



Built-in 16 Beamforming Microphone Arrays



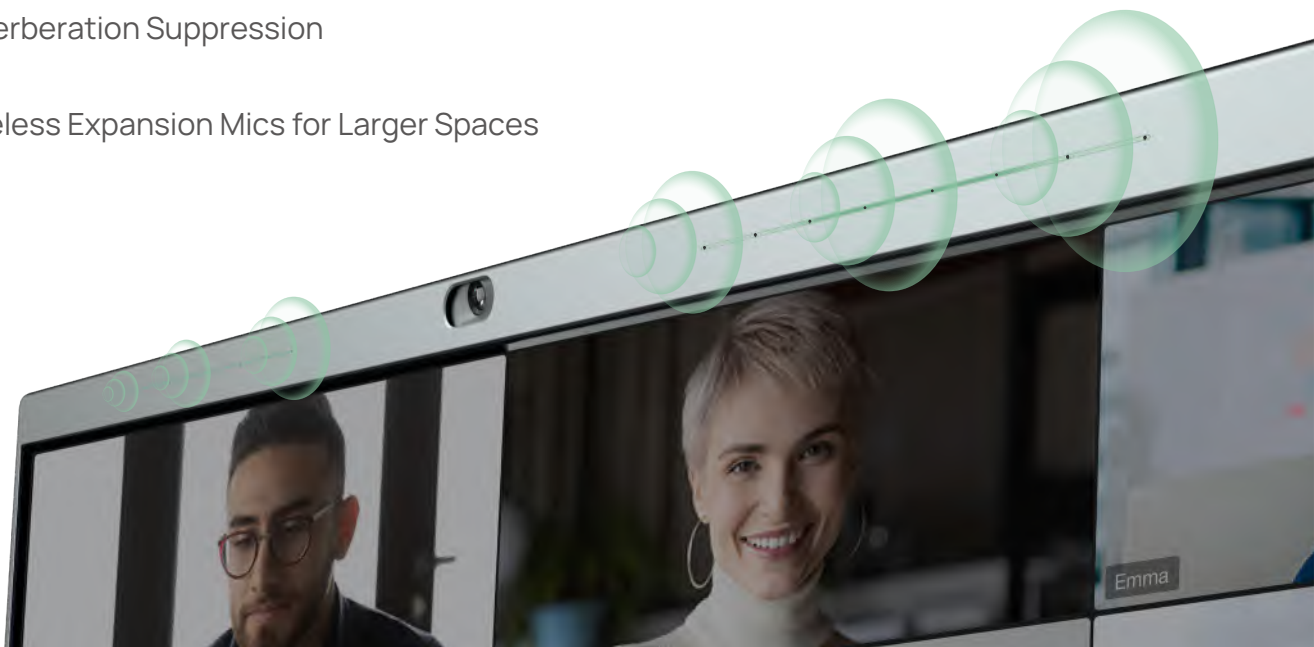
Enhanced AI Noise Proof



Reverberation Suppression



Wireless Expansion Mics for Larger Spaces









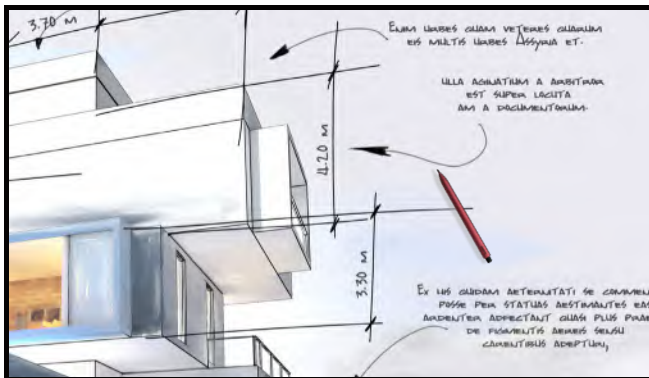


Smart Collaboration Whiteboard

– keep everyone connected and collaborative

4K visual presentation and easy menu navigation
 Smart 4-level input digital ink recognition

- 
 Fingers navigating
- 
 Pen tip writing
- 
 Tail end erasing
- 
 Palm rejection
- 
 Ink to shape
- 
 Notes



Collaborate on diagrams - productive templates and the other crucial components



Cloud application – allows everyone to join and collaborate at any place

Designed with Simplicity and The Beauty of Details in Mind

—adds elegance and turns all your rooms into a collaborative workspace.

The MeetingBoard is completely encased in a metallic material. This enhances the texture, extends the product's service life, and is more environmentally friendly.

Choose between the movable floor stand, sculpted like the legs of a ballet dancer, or the wall mount.

4 universal casters allow you to move the MeetingBoard around easily.

Thanks to the single-cable setup, you can get started within minutes.



reddot winner 2022



Executive Office



Co-Create Space



Conference Room



Large Training Room

Full Device Ecosystem

–brings immeasurable usage possibilities to the MeetingBoard



Modularized Dual OS System

- Upgradeable Android OPS Module
- Windows OPS Module

– Seamless Switching Between Windows/Android Platforms or BYOD Mode

BYOD Mode

- plug-and-play
- adapt more
- collaborate effectively





WPP30



RoomPanel

RoomSensor



Touch Console



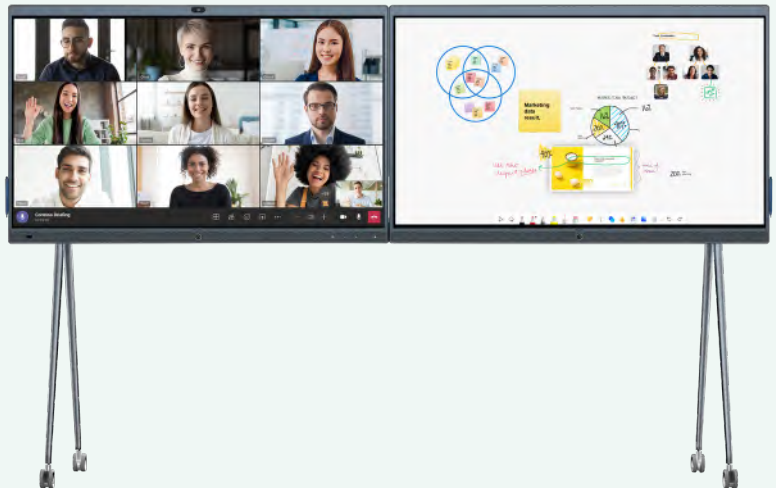
Fit to All Rooms

— make everywhere
a collaborative workplace

Detachable Optical PTZ Camera



Extensible in A Medium or Large Meeting Space



Movable Floor Stand



Wireless Expansion Microphones



MeetingBoard Specifications

OS

OS Android 10

Chipset

SoC QUALCOMM SNAPDRAGON 845

Display

Size 65/85 inch
Backlight type D-LED
Resolution 3840 x 2160
Ratio 16:9
Anti-Fingerprint ✓
Anti-Glare ✓

Built-in Camera

Resolution 3840*2160
Lens 8MP
Field of view 120° diagonal field of view
Zoom e-PTZ
4 x digital zoom
Privacy shutter Automatic Hiding Shutter

Audio

Microphone Built-in 16 MEMS Mic Array
Speaker 4 full range+2 tweeter stereo speakers
RCA input/output ✓
Acoustic echo cancellation ✓
Reverberation suppression ✓
Beamforming technology ✓

Buttons

LED lightstrips ✓
Home button ✓
Input source button ✓
Volume up/down button ✓

Connections

HDMI 1 × HDMI output
1 × HDMI input
CEC ✓
PTZ camera port ✓
VCH 1 × Yealink VCH port (RJ-45)
USB 3 × USB Type A
Ethernet port 1 × 10/100M/1000M Ethernet port
Wi-Fi Wi-Fi6 2x2 MIMO dual-band
Bluetooth Built-in Bluetooth 5.0
Security lock slot e-PTZ
4 × digital zoom
Windows OPS slot Automatic Hiding Shutter
Reset slot ✓
Motion sensor ✓



ESTIMATE

RCMF Automated Services
W7507 Saint Paul Rd
Crivitz, WI 54114-7419

rcmfautomatedservices@gmail.com

Bill to

Oconto Falls City
500 N Chestnut Street
PO Box 70
Oconto Falls, Wisconsin
54154 USA

Ship to

Oconto Falls City
500 N Chestnut Street
PO Box 70
Oconto Falls, Wisconsin
54154 USA

Estimate details

Estimate no.: 1009
Estimate date: 10/22/2024

#	Product or service	Description	Qty	Rate	Amount
1.	WB-TEAM-86	89" INTERACTIVE TOUCHSCREEN WHITE BOARD ALL IN ONE MEETING SOLUTION	1	\$10,591.10	\$10,591.10
2.	NET DROP	Network Cable Drop, Termination, Label, Tone Test Connection	1	\$100.00	\$100.00
3.	LABOR-NET	NETWORK LABOR	3	\$100.00	\$300.00

Total **\$10,991.10**

Note to customer

CITY HALL TEAMS MEETING TOUCH SCREEN BOARD/WHITE BOARD/MICROSOFT DISPLAY 89 INCH DISPLAY

Accepted date

Accepted by

YOUR ONE-STOP SOLUTION FOR ACCESS CONTROL



Support standard SIP protocol for 3rd party integration.



Touch and call



Receives live View and two way audio



Unlock remotely from anywhere

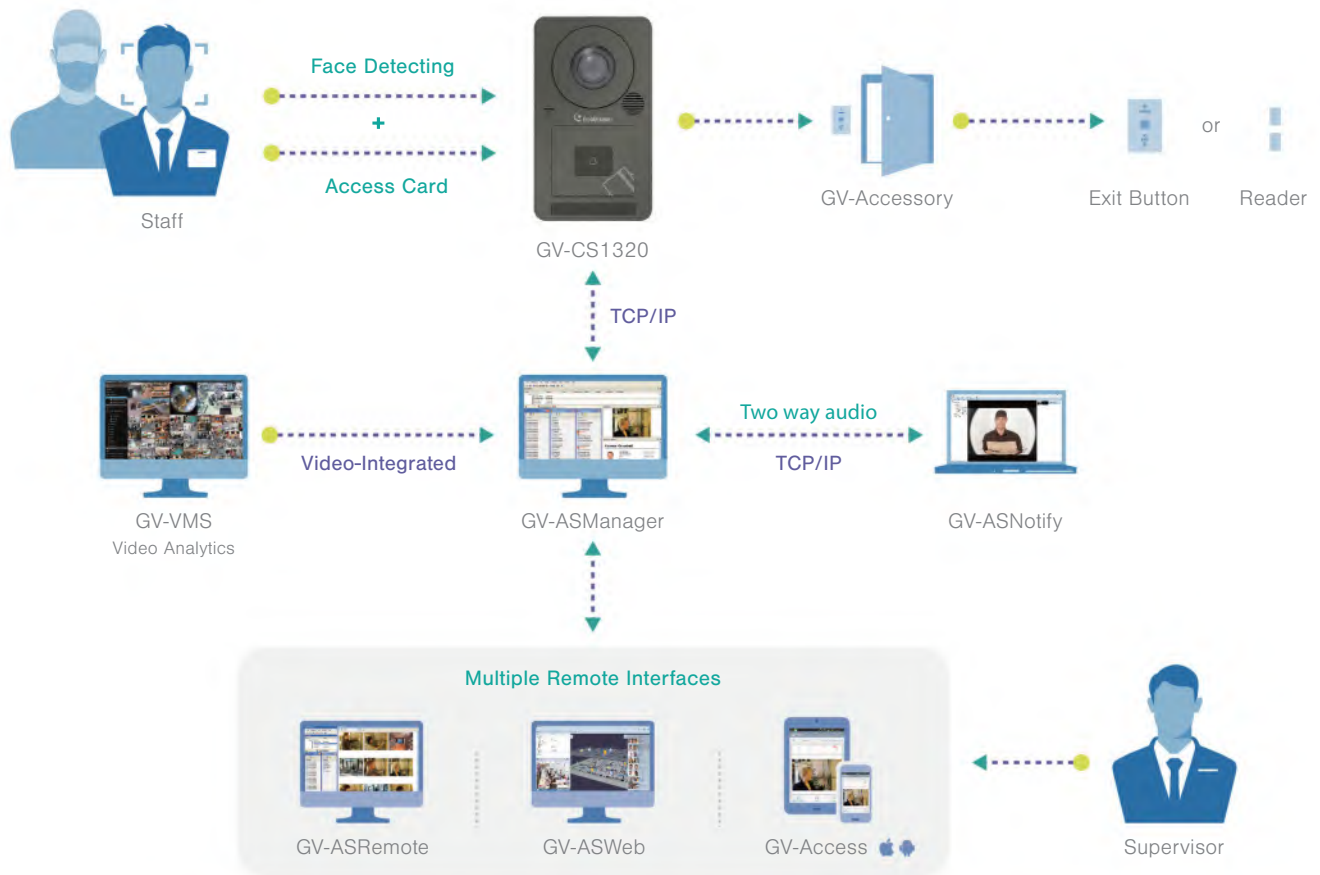
All-in-One Door Access Controller



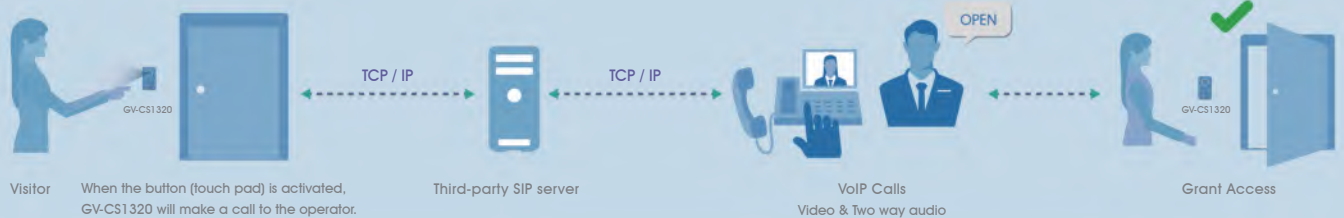
- Support SIP audio and video
- 2MP super low lux CMOS camera
- Provides 180° panorama view
- Intelligent IR
- Built-in Mic and Speaker
- Built-in micro SD card slot (SD/SDHC) for local storage
- Touch Doorbell Button
- Access control function
- Ingress protection (IP66)
- DC 12V / PoE (IEEE 802.3at)



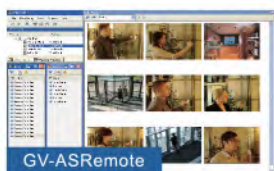
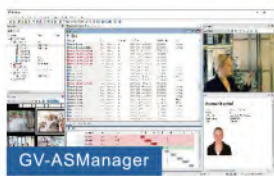
Structure



SIP Protocol



Overview



GeoVision CS1320, this Face Detecting Access Controller includes exciting features from Proximity Reader. Video Intercom and Surveillance IP Camera.

Through SIP integration, GV-CS1320 allows you to identify unscheduled visitors before they are granted entry using your desk phone.

Using two-way audio to communicate who is outside, and one-touch your keypad to unlock door from anywhere at all time.

With the built-in Fisheye Camera, GV-CS1320 can effectively screen out any abnormality and send alarm to GV-ASManager platform in real-time.

The GeoVision CS1320 is your one-stop solution for multi-purpose access control.

GV-CS1320 2MP H.264 Camera Access Controller with a built-in Reader



Introduction

GV-CS1320 is an access controller with a 2 MP camera and 13.56 MHz reader built in. GV-CS1320 recognizes access control cards and accordingly grants access to up to 100,000 users. Its camera captures a live view of the entrance and transmits it to the access control system GV-ASManager over a network, eliminating the need to install and maintain a separate camera in addition to the camera access controller.

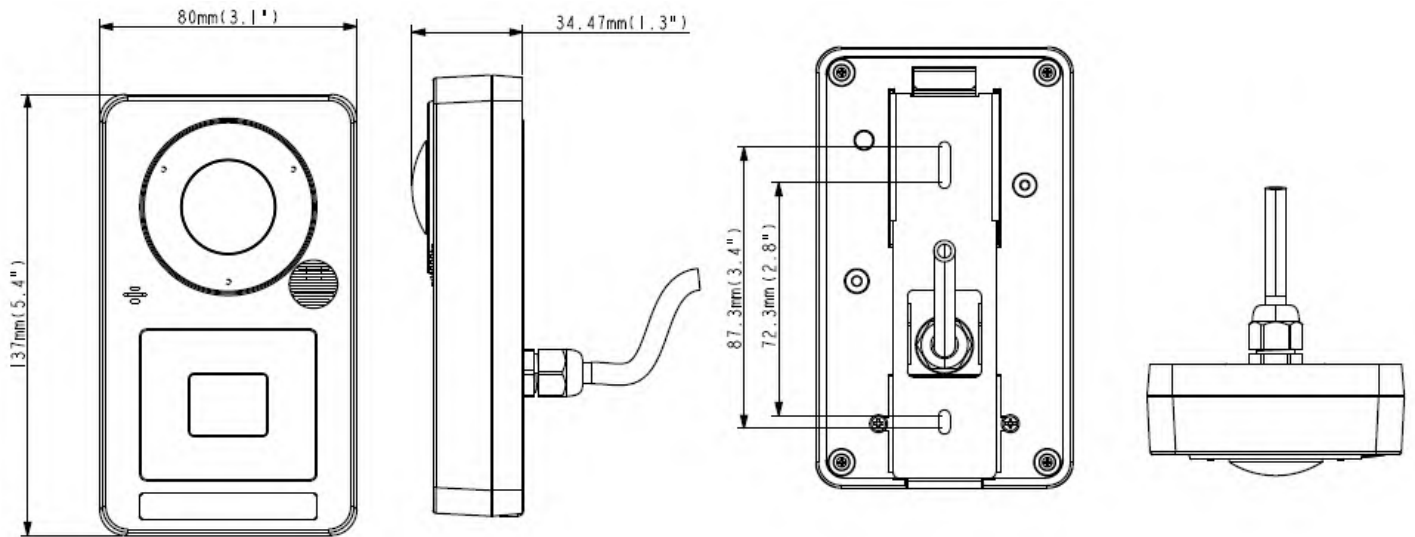
When the touchpad on the GV-CS1320 is activated, it will make a VoIP call to the operator, allowing the operator to communicate with the visitor and enter an access code to unlock the door.

For the operator to communicate with visitors at the door installed with GV-CS1320 and grant access, three types of notifications are available: SIP/VoIP Calling, GV-ASNotify PC program, and GV-Access mobile app.

Manage Visitors



Dimensions



Key Features

Camera

- 2 MP progressive scan super low lux CMOS
- Minimum illumination at 0.02 lux
- Dual streams from H.264 and MJPEG
- Up to 15 fps at 1920 x 1080
- Day and night function (with removable IR-cut filter)
- Built-in IR with effective distance up to 3 m (10 ft)
- Ingress protection (IP66)
- 12V DC, 2.5A / PoE+ (IEEE 802.3at)
Built-in microphone and speaker
- Wide Dynamic Range (WDR)
- Built-in micro SD card slot
- Provides 180° panorama view
- ONVIF (Profile S) conformant

Reader

- Built-in 13.56, ISO 14443A MHz reader
- Support for GV-Proximity Cards with GID (GeoVision Identifier) to enhance security
- 2 types of interfaces, RS-485 and TCP/IP, supporting 2 readers for each interface
- OSDP communication through RS-485

Access Control

- 1 door (one-way or two-way control)
- 2 inputs, dry contact (Door Sensor / Exit Button)
- 1 relay outputs (Electric Lock)
- Support for GV-I/O Box 4 Ports for door / fire / temper sensor, door button and doorbell applications
- Touchpad to activate two-way communication between the operator and visitors
- Snapshots captured upon card presented and touchpad activated
- SIP / VoIP calling support
- Anti-passback (APB) support
- GV-Access app for push notifications

Specifications

Camera		
Image Sensor		1/2.8" progressive scan super low lux CMOS
Picture Elements		1920 (H) x 1080 (V)
Minimum Illumination	B/W	0.02 Lux
Shutter Speed		Automatic, Manual (1/5 ~ 1/8000 sec)
White Balance		Automatic, Manual (2800K ~ 8500K)
S/N Ratio		52 db
Lens		
Megapixel		Yes
Day / Night function		Yes (with removable IR-cut filter)
Lens Type		Fixed
Focal Length		1.7 mm
Maximum Aperture		F/2.5
Mount		M12
Image Format		1/2.8"
Horizontal FOV		180°

IR LED Quantity	2	
Max. IR Distance	3 m (10 ft)	
Operation		
Video Compression	H.264, MJPEG	
Video Streaming	Dual streams from H.264 and MJPEG	
Video Resolution	Stream 1	1920 x 1080 (16:9)
	Stream 2	640 x 360 (16:9)
Frame Rate	15 fps at 1920 x 1080 * The frame rate and the performance may vary depending on the number of connections and data bitrates (different scenes).	
Image Setting	Brightness, Contrast, Saturation, Sharpness, Gamma, White Balance, Image Orientation, Shutter Speed	
Audio Compression	G.711	
Network		
Interface	10/100 Ethernet	
Protocol	DHCP, DynDNS, FTP, HTTP, HTTPS, NTP, ONVIF (Profile S), PSIA, QoS (DSCP), RTSP, SIP, SMTP, SNMP, TCP, UDP, UPnP, 3GPP/ISMA	
Mechanical		
Local Storage	Micro SD card	
Connectors	Power	2-pin terminal block
	Ethernet	Ethernet (10/100 Base-T), RJ-45 Connector
	Audio	Built-in microphone and speaker
	RS-485	RS-485 interface for max. 2 RS-485 / OSDP readers
General		
Operating Temperature	-10 ~ 50 °C (14 ~ 122 °F)	
Humidity	10 ~ 90% (no condensation)	
Power Source	12V DC, 2.5A / PoE+ (IEEE 802.3at)	
Maximum Power Consumption	25.5 W	
Certification	CE, FCC, RCM, RoHS compliant	
Dimensions	137 x 80 x 34.5 mm (5.4 x 3.15 x 1.36 in)	
Weight	315 g (0.69 lb)	
Ingress Protection	IP66	
Web Interface		
Installation Management	Web-based configuration	
Maintenance	Firmware upgrade through Web Browser or Utility	
Access from Web Browser	Camera live view, change video quality, bandwidth control, image snapshot, audio, picture in picture, picture and picture	
Language	English, French, Portuguese, Russian, Spanish, Traditional Chinese	
Applications		
Network Storage	GV-DVR / NVR / VMS	
Mobile Phone support	Embedded 3GPP/ISMA browser	
Live Viewing	Browser (IE, Edge, Chrome, Firefox)	
Access Control / LPR Management	GV-ASManager	
Controller		
Number of User Cards	100,000 cards (networked mode)	
Frequency	13.56 MHz ISO14443A	
Event Buffer	50,000 events and log data	
RS-485 Interface	1 RS-485 interface for max. 2 RS-485 / OSDP readers	
TCP/IP Interface	1 TCP/IP interface for max. 2 readers: GV-CR420, GV-GF1921 / 1922, GV-FR2020, GV-FWC (for connecting GV-FD8700-FR and GV-VD8700)	
Communication Protocol	TCP/IP	

Digital I/O	2 inputs, dry contact NO/NC
	1 relay outputs (30V DC, 0.5A)
Supported ID Formats	Built-in GID and UID reader

Note:

1. For the RS-485 interface, connect just one of the following readers to GV-CS1320: GV RS-485 readers and OSDP compliant readers.
2. Only GeoVision readers are supported by RS-485 and network communications, while OSDP is compatible with third-party readers.
3. All specifications are subject to change without notice.

Packing List

- GV-CS1320
- Mounting Plate
- Standard Screw x 2
- Plastic Screw Anchor x 2
- Security Screw
- Torx Wrench
- Silica Gel Bag
- Micro SD Card 2 GB (formatted and installed)
- Software DVD
- Warranty Card

Options

Optional devices can expand the capabilities and versatilities of your GV-AS Controllers. Consult your sales representative for more information.

GV-AS ID Card, Key Fob, Sticker	13.56 MHz cards, key fobs and stickers are available.
GV-FWC	GV-FWC can integrate GV-Face Recognition Cameras and GV-AI FR into access control systems by sending access card data, paired to Face IDs, to controllers either through TCP/IP or Wiegand connection.
GV-IB25 / 65 / 85 Infrared Button	GV-IB25 / 65 / 85 Infrared Button detects infrared movement within 3 to 12 cm and allows you to open the door with a wave of hand.
GV-IO Box 4 Ports	GV-IO Box 4 Ports provides 4 inputs and 4 relay outputs. It supports both DC and AC output voltages, and provides a USB port for PC connection.
GV-WTR	GV-WTR is a converter designed for converting Wiegand interface to RS-485 interface, and vice versa. It enables 3rd party readers to be connected to RS-485 GV-Controllers, as well as allowing GV-AI FR (software) and GV-CR1320 (RS-485 camera reader) to be connected to 3rd-party Wiegand controllers.
Electric Lock	Three types of electric locks are available: electromagnetic lock, electric bolt and electric strike.
Power Adapter	Contact our sales representatives for the countries and areas supported.
Push Button Switch	The push button switch can be integrated with access control system, allowing door exit by momentarily activating or deactivating the electric locking device. Both American standard and European standard push buttons are available.

ESTIMATE

RCMF Automated Services
W7507 Saint Paul Rd
Crivitz, WI 54114-7419

rcmfautomatedservices@gmail.com

Bill to

Oconto Falls City
500 N Chestnut Street
PO Box 70
Oconto Falls, Wisconsin
54154 USA

Ship to

Oconto Falls City
500 N Chestnut Street
PO Box 70
Oconto Falls, Wisconsin
54154 USA

Estimate details

Estimate no.: 1008
Estimate date: 10/22/2024

#	Product or service	Description	Qty	Rate	Amount
1.	ACCESS-GV-CON-CS1320	GEOVISION IP CAMERA /ACCESS CONTROLLER DOOR STATION	8	\$620.00	\$4,960.00
2.	ACCESS-I-ENROLL	IP BASED ACCESS CONTROL ENROLLMENT READER AND STAND	1	\$425.00	\$425.00
3.	NET DROP	Network Cable Drop, Termination, Label, Tone Test Connection	8	\$100.00	\$800.00
4.	COMP-DELL-M	DELL I7 MICRO NVR WINDOWS 10 GEOVISION VMS SOFTWARE ACCESS CONTROLLER	1	\$877.99	\$877.99
5.	MON-24	24 INCH LCD COMPUTER MONITOR	1	\$289.99	\$289.99
6.	LABOR-ACCESS	ACCESS CONTROL LABOR	25	\$100.00	\$2,500.00
7.	SWITCH-GV-16-POE-1601-M	GEOVISION 16 Port Gigabit Power over Ethernet (POE) Network Switch. MANAGED	1	\$455.35	\$455.35
8.	ACCESS-FOB-G	GEOVISION ACCESS CLAMSHELL KEY FOB (20 PACK)	2	\$87.50	\$175.00

Total

\$10,483.33

Note to customer

CITY HALL REPLACE ACCESS CONTROL SYSTEM WITH CAMERA READERS/ CONTROLLERS, WIRING, SOFTWARE INSTALL AND SETUP.

Accepted date

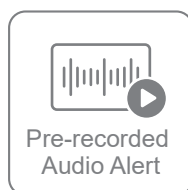
Accepted by

Upgrade Your Facility's Security

Surveillance Made Easy, with Direct-to-Cloud Cameras

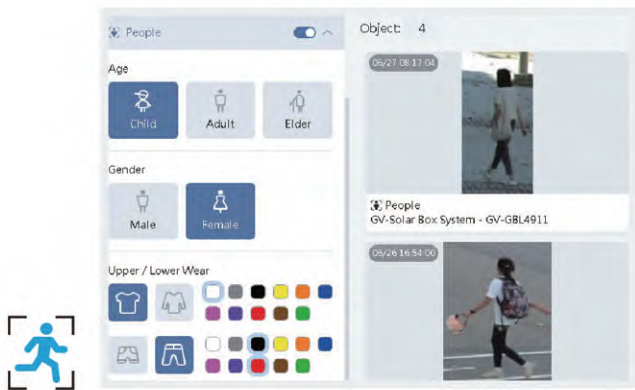


Direct-to-cloud cameras offer microSD or premium cloud storage. The GV-GEBF4911 features event-triggered onboard sirens and lights for security. All models support AI search to identify specific details, such as gender or clothing color.

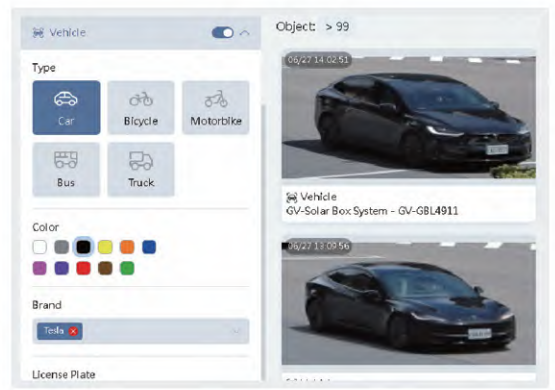


AI Attribute Search

Utilize AI Search to identify specific visual details in images and videos, including age categories, gender, clothing colors and types (upper/lower wear), vehicle types, vehicle colors, and brands.



Human Trait Detection



Vehicle Attribute Recognition

Direct-to-Cloud Series



4MP Fixed AI Cloud
Super Low Lux WDR Pro 3 Axis

GV-GDR4900

- Human, Vehicle Classification
- AI Perimeter Protection
- Low Light Performance
- IR up to 20 m (65 ft)
- IP67 & IK10



4MP Motorized AI Cloud
Super Low Lux WDR Pro 3 Axis

GV-GVD4910

- Human, Vehicle Classification
- AI Perimeter Protection
- Low Light Performance
- IR up to 50 m (165 ft)
- IP67 & IK10



4MP Fixed AI Cloud
Super Low Lux WDR Pro

GV-GBL4900

- Human, Vehicle Classification
- AI Perimeter Protection
- IR up to 50 m (165 ft)
- IP67 & IK10



4MP Motorized AI Cloud
Super Low Lux WDR Pro

GV-GBL4911

- Human, Vehicle Classification
- AI Perimeter Protection
- IR up to 70 m (230 ft)
- IP67 & IK10



4MP Fixed AI Cloud
Super Low Lux WDR Pro 3 Axis

GV-GEB4900

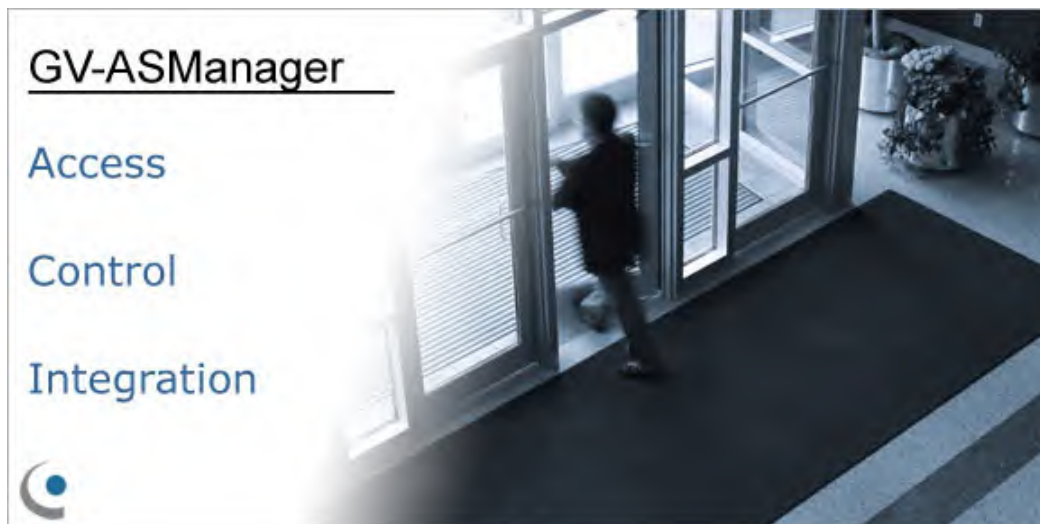
- Human, Vehicle Classification
- AI Perimeter Protection
- IR up to 30 m (100 ft)
- IP67 & IK10



4MP Motorized AI Cloud
Super Low Lux WDR Pro 3 Axis

GV-GEBF4911

- Human, Vehicle Classification
- AI Perimeter Protection
- Built-in Sirens and Strobe Lights
- IR up to 40 m (130 ft)
- IP66 & IK10



Introduction

GV-ASManager offers a network access control solution suitable for both small business and multinationals with facilities around the globe. GV-ASManager can control up to 1,000 units of GV-AS Controller (door controller) and GV-EV Controller (elevator controller). In addition, IP devices can be connected to GV-ASManager over a network to provide live video and event playback.

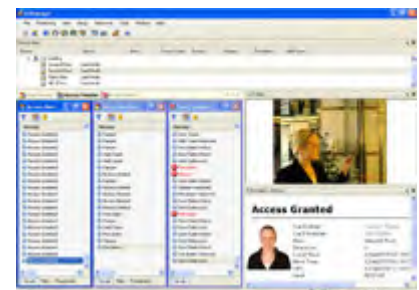
Key Features

Access Control Functions

- Control up to 1,000 GV-AS / GV-EV Controllers
- Four access modes: Card only, Card and PIN Code, Card or Common mode, Release mode
- Alarm conditions: door held open, door forced entry, tamper, access denied, duress, fire alarm
- SMS or E-Mail notification with user-defined content, video snapshot and user photo
- Up to 100 Web browser connections supported
- Up to 100,000 cards supported for GV-AS Controllers
- Up to 1,000 system users and 10,000 access groups
- Up to 256 time zones, weekly schedules and holiday planning for 14 months
- Multiple cards per user
- Enroll cards in batch mode
- Anti-Duress operation
- Anti-Passback capabilities
- Door Interlock
- Support Microsoft Access or SQL database
- Import/export of card and user data in Access or Excel file format
- User-defined screen layout and dual monitor display support
- Patrol Tour requiring security personnel to check in at the specified locations
- Integration of face recognition into security management with support for GV-Face Recognition Cameras / GV-AI FR (software) / GV-FR Panel (reader)
- Languages supported: Czech, English, French, Hebrew, Italian, Japanese, Persian, Polish, Portuguese, Russian, Serbian, Spanish, Traditional Chinese, Turkish, and Ukrainian

Video Integration

- Video integration with GeoVision software, IP devices and third-party IP cameras for live viewing
- Support for third-party IP devices using ONVIF, PSIA and RTSP protocols
- User-defined matrix of 16-channel multi-views
- Instant event playback



GV-ASManager

Installed in local PC, link to controllers
Main function: Management & Monitoring



GV-ASRemote

Installed in remote PC,
unlimited links to GV-ASManager
Main function: Monitoring & Basic control

GV-ASRemote

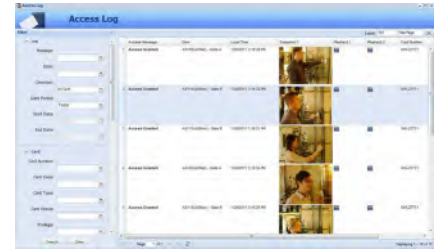
- Monitor unlimited GV-ASManager over Internet
- Remote door monitoring, video playback, door operation

GV-TAWeb

- Flexible workforce schedule arrangement
- Payroll calculation
- Attendance and payroll report search

GV-ASWeb

- Remotely watch live view from connected devices
- Remotely add or delete cards, users, controllers, access groups, cameras
- Remotely set up operator accounts, patrol tours, parking lots, and notification settings
- Web interface for historical log search with corresponding video and snapshot
- Log export in Excel, Text, HTML, Zip and PDF file formats
- View access data on Google Maps in the order of access time
- Track GPS positions of detected vehicles



GV-ASWeb

Web interface

Main function: Search historical events with synchronized videos

GV-VMWeb

- Web interface for creating visitor database and granting access
- Visitor record search
- Visitor self registration



GV-Access Mobile Applications

Main function:

Remote control and monitoring

GV-Access Mobile App

- Support up to 5 GV-ASManager systems
- Provide the connection and alert status of each controller, door, LPR device and lane
- Access live views of cameras mapped to a door or lane
- Lock or unlock a door
- Open an LPR gate
- Clear an alert event
- Push notifications upon any access control, LPR, I/O box, system and user activity events from GV-ASManager
- Push notifications and live view call when the touchpad is activated in GV-CR1320 (reader) / GV-CS1320 (controller)

GV-Patrol Mobile App

- Access patrol tours created from GV-ASManager
- Check in at patrol points
- View patrol status and historical tours

Minimum System Requirements

No of connected controllers		0-50	51~100	101~1000
OS	64-bit	Windows 10 / Windows 11 / Server 2016 / Server 2019 / Server 2022		
CPU		Intel Core i3, 3.4 GHz (2 Cores, 2 Threads)	Intel Core i5, 3.4 GHz (2 Cores, 2 Threads)	Intel Core i7, 3.0 GHz (4 Cores, 8 Threads)
Memory		8 GB		16 GB
Database		MDB or Microsoft SQL database		Microsoft SQL database
Hard Disk		500 GB		1 TB
Program		.NET Framework 4.5 Microsoft SQL Server 2005 Express (optional)		
Browser		Internet Explorer 9.0 or later, Edge, Chrome, Firefox		

Licensing

Free License	4 controllers
Maximum License	1000 controllers
Increment for Each License	1 controller
Optional Combination	GV-AS Controllers + <i>GV-Patrol</i>
License Type	GV-USB Dongle
	Software License
	External or Internal
	GV-ASManager V5.3.0 or later only

- Note:**
- The Maximum License is a paid service.
 - The licensing comes in two forms: *GV-USB dongle* and *software license*. The two are incompatible. If a GV-USB dongle has been inserted on the computer with the system, please remove it before using software licensing.
 - Software licensing ONLY supports the following controllers:
 - GV-AS210 series / 410 series / 810 series firmware V2.30 or later
 - GV-AS1520 firmware version V2.03 or later
 - GV-AS1620 firmware version V1.01 or later
 - GV-CS1320 firmware V3.01 or later
 - GV-EV48 firmware V2.30 or later

Supported Software Versions

- GV-DVR / NVR: V8.5.9.0 or later
- GV-VMS: V15.10 or later
- GV-Recording Server: V1.4.2 or later
- GV-Control Center: V4.0.0 or later

Note: GV-ASManager does not support 3rd party controllers.

Options

GV-FWC	GV-FWC integrates GeoVision face-recognition-based cameras, software and readers into access control systems by sending access card data, paired to Face IDs, to controllers either through TCP/IP or Wiegand.
GV-IO Box Series	GV-IO Box series provides 4 / 8 / 16 inputs and relay outputs, and supports both DC and AC output voltages, with optional support for Ethernet module and 4E additionally supporting PoE connection.
GV-PCR1251 Enrollment Reader	GV-PCR1251 is a USB card reader, supporting 125 kHz, designed to assist with GV-AS ID Card / Key Fob enrollment to GV-ASManager.
GV-PCR1352 Enrollment Reader	GV-PCR1352 is a USB card reader, supporting 13.56 MHz, designed to assist with GV-AS ID Card / Key Fob enrollment to GV-ASManager.

Case Study



Along with powerful access controllers and other hardware accessories, GeoVision offers a series of complementary access control software including GV-ASManager, GV-ASWeb, GV-ASRemote, and GV-Access mobile applications to provide flexibility and scalability for both local and remote access control.

The diagram above shows how the access control software can be set up for a retail chain. GV-ASManager can be installed in local PCs of the chain stores and the headquarters can remotely monitor the chain stores using GV-ASWeb or GV-ASRemote. Using GV-Access mobile app, up to 5 GV-ASManager systems can be accessed from a mobile device.

GV-TDR8805 AI 8MP H.265 Super Low Lux WDR Pro IR Mini Fixed Rugged IP

Dome



- AI deep learning: AI Perimeter Protection & Classification (Human, Vehicle)
- 1/2.7" progressive scan CMOS sensor
- Triple streams from H.265, H.264 or MJPEG
- Min. illumination at 0.003 lux
- Up to 20 fps at 3840 x 2160
- Wide Dynamic Range Pro (WDR Pro)
- Day and night function (with removable IR-cut filter)
- Intelligent IR
- IR distance up to 30 m (100 ft)
- Built-in micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) for local storage
- 3-axis mechanism (pan / tilt / rotate)
- Ingress protection (IP67)
- Vandal Resistance (IK10 for metal casing)
- DC 12V / PoE (IEEE 802.3af)
- Built-in microphone
- Two-way audio capable
- Defog
- 3D noise deduction
- AI analytics (Intrusion, Cross Line, Enter Area, Leave Area, Face Detection, People Flow Counting, Crowd Density Monitoring)
- Motion detection
- Tampering alarm
- Text overlay
- Privacy mask
- 12 languages supported
- ONVIF (Profile G, S, T, M) conformant

Introduction

GV-TDR8805 is an outdoor, fixed, network camera equipped with an automatic IR-cut filter and an IR LED for day and night surveillance. The camera supports H.265 video codec to achieve better compression ratio while maintaining high quality pictures at reduced network bandwidths. The camera adheres to IP67 and IK10 standards, and can be powered through PoE.

Empowered by deep learning algorithms, AI technology distinguishes human and vehicles from other moving objects. Integrated with GeoVision Video Management Software (VMS), it supports AI perimeter protection, real time alert, playback and more.

Deep Learning Function

Face Detection



AI Perimeter Protection

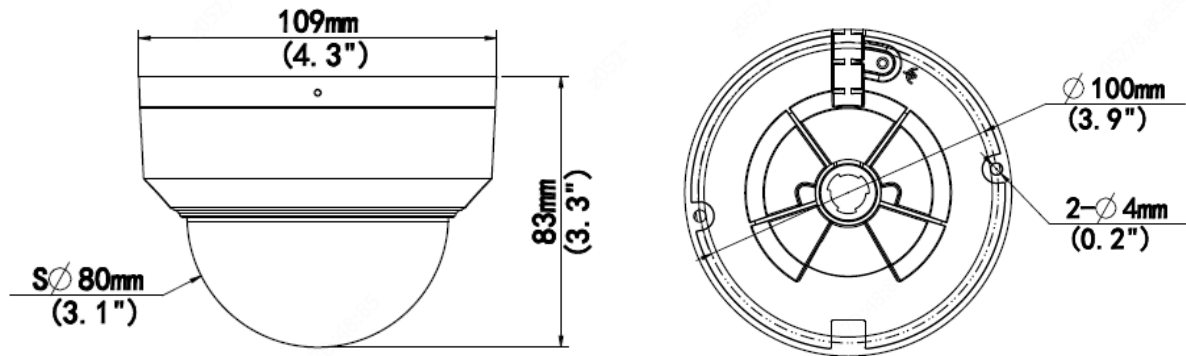
(Intrusion, Crossing Line
Entering Area, Leaving Area)



People Flow Counting



Dimensions



Specifications

Camera					
Image Sensor		1/2.7" progressive scan CMOS			
Picture Elements		3840 (H) x 2160 (V)			
Minimum Illumination	Color	0.003 Lux (F1.6, AGC ON)			
	IR ON	0 Lux			
Shutter Speed		Auto / Manual (1 ~ 1/100000 sec)			
White Balance		Automatic, Manual			
Gain Control		Automatic, Manual			
S/N Ratio		56 dB			
WDR Pro		Yes			
Dynamic Range		120 dB			
Lens					
Megapixel		8 MP			
Day / Night		Yes (with removable IR-cut filter)			
Lens Type		Fixed			
Focal Length		2.8 mm			
Maximum Aperture		F/1.6			
Mount		M12			
Horizontal FOV		112.9°			
Operation	Focus	Fixed			
	Zoom	Fixed			
	Iris	Fixed			
IR LED Quantity		1 IR LED			
Max. IR Distance		30 m (100 ft)			
DORI		Detect	Observe	Recognize	Identify
Lens	2.8 mm	84 m (275.6 ft)	33.6 m (110.2 ft)	16.8 m (55.1 ft)	8.4 m (27.6 ft)
Operation					
Video Compression		H.265, H.264, MJPEG			
Video Streaming		Triple streams from H.265, H.264 or MJPEG			
Frame Rate		20 fps at 3840 x 2160, 30 fps at 3072 x 1728, 30 fps at 2560 x 1440, 30 fps at 1920 x 1080 (60 / 50 Hz) * The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).			
Maximum throughput		40 Mbps			
Maximum stream *When the total bitrate is within the maximum throughput		20			
Video Analytics		Motion Detection, Tampering Alarm, Audio Detection *Tampering alarm and audio detection are only accessible through the camera's Web interface, which can be used to trigger alerts such as e-mail and FTP			
Image Setting		Brightness, Contrast, Saturation, Sharpness, Flicker-less, Image Orientation (Flip, Mirror, 0°, 90°, 180°, 270°-including Corridor format)			
Audio Compression		G.711			

Audio Support	Two-way Audio (External speaker required)	
Digital I/O	Input	1 Input, dry contact, NO / NC
	Output	1 Relay Output
Face Detection		
Environment	100 lux	
Detectable face angle	Tilt (Up/Down)	≤ 10°
	Swing (Left/Right)	≤ 30°
Max. number of faces	Up to 40	
Min. face image pixel requirement	80 pixels	
Deep Learning Function		
AI Analytics	Intrusion, Cross Line, Enter Area, Face Detection, Leave Area (Human & Vehicle classification), People Flow Counting, Crowd Density Monitoring	
Network		
Interface	10/100 Ethernet	
Protocol	802.1x, ARP, DHCP, DDNS, DNS, DynDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP, UDP, UPnP, ONVIF (Profile G, S, T, M)	
Video Resolution		
Main Stream	3840 x 2160 (Default), 3072 x 1728, 2560 x 1440, 1920 x 1080, 1280 x 720	
Sub Stream	1920 x 1080, 1280 x 720, 720 x 576, 704 x 288, 640 x 480, 640 x 360 (Default), 352 x 288	
Third Stream (Closed by Default)	640 x 360, 352 x 288	
Mechanical		
Temperature Detector	No	
Camera Angle Adjustment	Pan	3° ~ 360°
	Tilt	0° ~ 68°
	Rotate	3° ~ 360°
Connectors	Power	DC Jack (DC 12V, 1.25A), PoE
	Ethernet	RJ-45 connector
	Audio	1 In (built-in or external microphone with power supply) 1 Out (Audio Out Wire) *The Audio In port only support microphones with power supply.
	Digital I/O	I/O wires
	Local Storage	Micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) *UHS-II card type is not supported.
General		
Operating Temperature	-30°C ~ 60°C (-22°F ~ 140°F)	
Humidity	0% ~ 95% (no condensation)	
Power Source	12V DC / PoE (IEEE802.3af)	
Max. Power Consumption	6W	
Dimensions	Ø 109 x 83 mm (Ø 4.3" x 3.3")	
Weight	0.43 kg (0.95 lb)	
Ingress Protection	IP67	
Vandal Resistant	IK10 for metal casing	
Certification	FCC, CE, RoHS, UL compliant	
Web Interface		
Installation Management	Web-based configuration	
Maintenance	Firmware upgrade through Web Browser or GV-IP Device Utility	
Access from Web Browser	Live View, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Defog, Text Overlay, Image Masking	
Language	Czech, English, French, German, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Traditional Chinese	
Software Applications		
Software Supported	GV-DVR / NVR (V8.9.1), GV-VMS (V17.4.4 / V18.2.1), GV-Control Center (V3.8.0 / V4.0.1), GV-Edge Recording Manager Windows Version (V2.1.0), GV-Recording Server / Video Gateway (V2.0.1), GV-Redundant / Failover Server (V1.2.0), GV-Mobile Server (V1.5.1), GV-AI Guard (V1.0.0)	
Live Viewing	Browser (IE, Edge, Chrome, Firefox), Mobile APP	








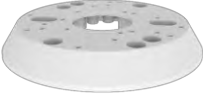


Note:

1. Patch files are required for some supported software.
2. Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
3. Specifications are subject to change without notice.

Packing List

1. GV-TDR8805 Mini Dome
2. Waterproof Rubber Set
3. Screw Kit
4. Drill Template Paster
5. Torx Wrench
6. Download Guide

Accessories

Model No.	Name		Details
GV-Mount107 (must be used with GV-Mount213)	Pendant Bracket		Dimensions: Ø 120 x 334 mm (Ø 4.72" x 13.15") Weight: 0.74 kg (1.63 lb)
GV-Mount211P	Wall Mount and Junction Box		Dimensions: Ø 233 x 125 x 125 mm (Ø 9.2" x 4.9" x 4.9") Weight: 1 kg (2.2 lb)
GV-Mount213	Wall / Ceiling Box Mount		Dimensions: Ø 109 x 39 mm (Ø 4.3" x 1.5") Weight: 0.2 kg (0.44 lb)
GV-Mount300-2	Convex Corner Mount		Dimensions: 137 x 233 x 160 mm (5.4" x 9.17" x 6.3") Weight: 1.65 kg (3.64 lb)
GV-Mount310-2	Concave Corner Mount		Dimensions: 111.2 x 369.9 x 210 mm (2.6" x 11.4" x 6.6") Weight: 1.65 kg (3.64 lb)
GV-Mount420 (must be used with GV-Mount211P)	Pole Mount Bracket		Dimensions: Ø 120 x 120 x 53.4 mm (Ø 4.7" x 4.7" x 2.1") Weight: 0.45 kg (0.99 lb) Steel Strap Diameter: Ø 67 ~ 127 mm (Ø 2.6" ~ 5")
GV-Mount704 (must be used with GV-Mount107)	Extension Tube		Dimensions: Ø 3.5 x 10 or 20 or 30 or 50 cm (Ø 1.38 x 3.9 or 7.9 or 11.8 or 19.7") Weight: 225g or 360g or 500g or 780g (0.5 lb or 0.79 lb or 1.1 lb or 1.72 lb)
GV-Mount924 (for standard US single and double gang boxes only)	Power Box Mount Bracket		Dimensions: Ø 128 x 18.5 mm (Ø 5" x 0.7") Weight: 0.15 kg (0.33 lb)
GV-PA191	PoE Adapter		The GV-PA191 is a Power over Ethernet (PoE) adapter designed to provide power to the IP device through a single Ethernet cable.
GV-PA301	Gigabit PoE Adapter		GV-PA301 is a Gigabit Power over Ethernet (PoE) adapter.

GV-POE Switch

The GV-POE Switch is designed to provide power along with network connection for IP devices. The GV-POE Switch is available in various models with different numbers and types of ports.

Power Adapter

Contact our sales representatives for the countries and areas supported.

GV-EBD8813 AI 8MP H.265 4.3x Zoom Super Low Lux WDR Pro IR

Eyeball IP Dome



- AI Deep learning: AI Perimeter Protection & Classification (Human, Vehicle)
- 1/2.8" progressive scan CMOS
- Triple streams from H.265, H.264 or MJPEG
- Min. illumination at 0.003 lux
- Up to 20 fps at 3840 x 2160
- Intelligent IR
- Day and night function (with removable IR-cut filter)
- Motorized varifocal lens for remote focus / zoom adjustment
- 3-axis mechanism (pan / tilt / rotate)
- IR distance up to 40 m (130 ft)
- Ingress protection (IP67)
- Vandal resistance (IK10 for metal casing)
- DC 12V / PoE (IEEE 802.3af)
- Built-in micro SD card slot (SD / SDHC / SDXC / UHS-I) for local storage
- Built-in microphone
- Wide Dynamic Range Pro (WDR Pro)
- AI analytics (Intrusion, Crossing Line, Entering Area, Leaving Area, Face Detection, People Flow Counting, Crowd Density Monitoring)
- 3D noise reduction
- Motion detection
- Tampering Alarm
- Text overlay
- Privacy mask
- 12 languages supported
- ONVIF (Profile G, S, T, M) conformant

Introduction

The Eyeball Dome IP Camera is an outdoor, network camera equipped with an automatic IR-cut filter and IR LEDs for day and night surveillance. The camera supports H.265 video codec to achieve better compression ratio while maintaining high quality pictures at reduced network bandwidths. GV-EBD8813 adheres to IK10 and IP67 standards, and can be powered through PoE.

Empowered by deep learning algorithms, AI technology distinguishes human and vehicles from other moving objects. Integrated with GeoVision Video Management Software (VMS), it supports AI perimeter protection, real time alert, event playback and more.

Deep Learning Function

Face Detection



AI Perimeter Protection

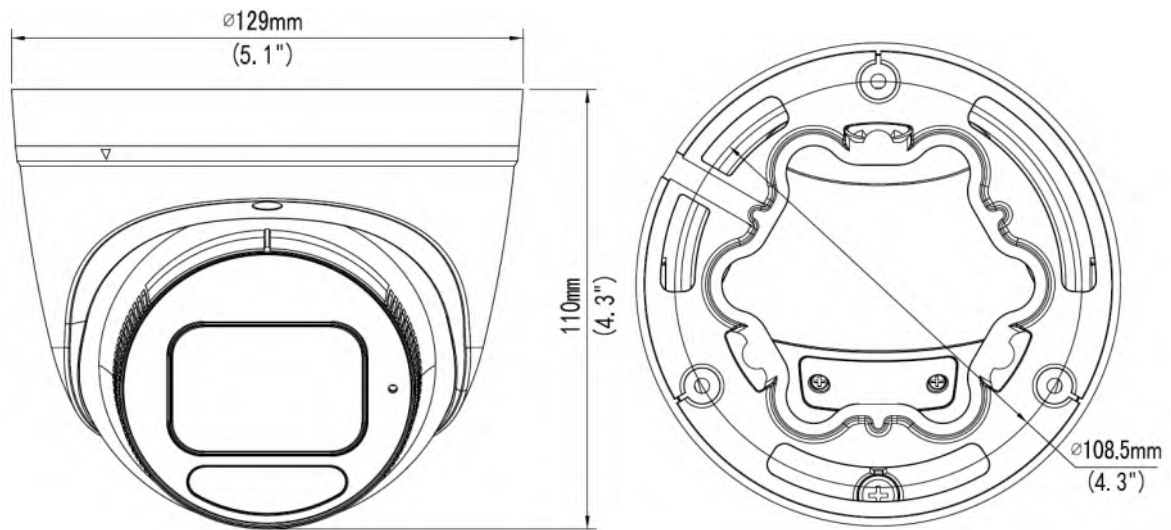
(Intrusion, Crossing Line, Entering Area, Leaving Area)



People Flow Counting



Dimensions



Specifications

Camera					
Image Sensor		1/2.8" progressive scan super low lux CMOS			
Picture Elements		3840 (H) x 2160 (V)			
Minimum Illumination	Color	0.003 Lux (F1.5, AGC ON)			
	IR ON	0 Lux			
Shutter Speed		Auto / Manual (1 ~ 1/100000 sec)			
White Balance		Auto / Manual			
Gain Control		Auto / Manual			
S/N Ratio		56 dB			
WDR		WDR Pro			
Dynamic Range		120 dB			
Lens					
Megapixel		8 MP			
Day / Night		Yes (with removable IR-cut filter)			
Lens Type		Motorized varifocal lens			
Focal Length		2.8 ~ 12 mm			
Maximum Aperture		F/1.6			
Mount		Ø 12 mm			
Horizontal FOV		107° ~ 29°			
Operation	Focus	Auto / Manual			
	Zoom	4.3x Optical Zoom			
	Iris	Fixed			
IR LED Quantity		2 IR LEDs			
Max. IR Distance		40 m (130 ft)			
DORI		Detect	Observe	Recognize	Identify
Lens	2.8 mm	86.9 m (285.1 ft)	34.8 m (114.2 ft)	17.4 m (57.1 ft)	8.7 m (28.5 ft)
	12 mm	372.4 m (1221.8 ft)	149 m (488.8 ft)	74.5 m (244.4 ft)	37.2 m (122.0 ft)
Operation					
Video Compression		H.265, H.264, MJPEG			
Video Streaming		Triple streams			
Video Resolution	Main Stream	3840 x 2160 (Default), 2944 x 1656, 2592 x 1944, 2560 x 1440, 1920 x 1080			
	Sub Stream	1920 x 1080, 1280 x 720, 720 x 576, 704 x 288, 640 x 360 (Default), 352 x 288			
	Third Stream (Closed by Default)	720 x 576, 704 x 288, 640 x 360, 352 x 288			
Frame Rate		20 fps at 3840 x 2160, 25 fps at 3072 x 1728 / 2560 x 1440, 30 fps at 1920 x 1080 (60 / 50 Hz) *The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).			

Maximum throughput	40 Mbps	
Maximum stream *When the total bitrate is within the maximum throughput	20	
Video Analytics	Motion Detection, Tampering Alarm, Audio Detection *Tampering alarm and audio detection are only accessible through the camera's Web interface, which can be used to trigger alerts such as e-mail and FTP.	
Image Setting	Brightness, Contrast, Saturation, Sharpness, Flicker-less, Image Orientation (Flip, Mirror, 0°, 90°, 180°, 270°-including Corridor format)	
Audio Compression	G.711	
Audio Support	One-way Audio	
Deep Learning Function		
AI Analytics	<ul style="list-style-type: none"> - Human & Vehicle classification: Intrusion, Crossing Line, Entering Area, Leaving Area - Face Detection, People Flow Counting, Crowd Density Monitoring 	
Network		
Interface	10/100 Ethernet	
Protocol	802.1x, ARP, DHCP, DDNS, DNS, DynDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, IPv6, NTP, PPPoE, RTCP, RTP, RTSP, SMTP, SNMP, TCP, UDP, UPnP, ONVIF (Profile G, S, T, M)	
Mechanical		
Camera Angle Adjustment	Pan	0° ~ 360°
	Tilt	0° ~ 75°
	Rotate	0° ~ 360°
Connectors	Power	DC Jack (DC 12V, 1.25A), PoE
	Ethernet	RJ-45
	Audio	1 In (built-in microphone)
	Local Storage	Micro SD card slot (SD/SDHC/SDXC/UHS-I, Class 10) *UHS-II card types are not supported.
General		
Environment Temperature	Start-up	-30°C ~ 60°C (-22°F ~ 140°F)
	Operation	
Humidity	0% ~ 95% (no condensation)	
Power Source	12V DC / PoE (IEEE802.3af)	
Max. Power Consumption	8.16W	
Dimensions	Ø 129 x 110 mm (Ø5.1" x 4.3")	
Weight	0.67 kg (1.48 lb)	
Ingress Protection	IP67	
Vandal Resistance	IK10 for metal casing	
Certification	CE, FCC, RoHS, UL compliant	
Web Interface		
Installation Management	Web-based configuration	
Maintenance	Firmware upgrade through Web Browser or GV-IP Device Utility	
Access from Web Browser	Live View, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Defog, Digital Zoom, Text Overlay, Image Masking	
Language	Czech, English, French, German, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Traditional Chinese	
Web Interface		
Software Supported	GV-VMS (V17.4.1 / V18.2.1), GV-DVR / NVR (V8.9.1), GV-Control Center (V3.8.0), GV-Recording Server / Video Gateway (V2.0.0), GV-Edge Recording Manager Win version (V2.0.0), GV-Redundant / Failover Server (V1.2.0)	
Smart Device Access	GV-Eye for iOS and Android	
Live Viewing	Browser (IE, Edge, Chrome, Firefox), Mobile App	

Note:

1. It is required to apply patch files to all or some of the supported software.
2. Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
3. Specifications are subject to change without notice.

Packing List

1. GV-EBD8813 IR Eyeball Dome
2. Waterproof Rubber Set
3. Screw kit
4. Drill Template Paster
5. Download Guide

Accessories

Model No.	Name		Details
GV-Mount107 (must be used with GV-Mount212P)	Pendant Bracket		Dimensions: Ø 120 x 334 mm (Ø 4.72" x 13.15") Weight: 0.74 kg (1.63 lb)
GV-Mount211P	Wall Mount and Junction Box		Dimensions: Ø 233 x 125 x 125 mm (Ø 9.2" x 4.9" x 4.9") Weight: 1 kg (2.2 lb)
GV-Mount212P	Wall Box Mount		Dimensions: Ø 126 x 36 mm (Ø 5.0" x 1.4") Weight: 0.22 kg (0.48 lb)
GV-Mount300-2	Convex Corner Mount		Dimensions: 137 x 233 x 160 mm (5.4" x 9.17" x 6.3") Weight: 1.65 kg (3.64 lb)
GV-Mount310-2	Concave Corner Mount		Dimensions: 111.2 x 369.9 x 210 mm (2.6" x 11.4" x 6.6") Weight: 1.65 kg (3.64 lb)
GV-Mount420 (must be used with GV-Mount211P)	Pole Mount Bracket		Dimensions: Ø 120 x 120 x 53.4 mm (Ø 4.7" x 4.7" x 2.1") Weight: 0.45 kg (0.99 lb) Steel Strap Diameter: Ø 67 ~ 127 mm (Ø 2.6" ~ 5")
GV-Mount704 (must be used with GV-Mount107)	Extension Tube		Dimensions: Ø 3.5 x 10 or 20 or 30 or 50 cm (Ø 1.38 x 3.9 or 7.9 or 11.8 or 19.7") Weight: 225 g or 360 g or 500 g or 780 g (0.5 lb or 0.79 lb or 1.1 lb or 1.72 lb)
GV-PA191	PoE Adapter		GV-PA191 is a Power over Ethernet (PoE) adapter designed to provide power to the IP device through a single Ethernet cable.
GV-PA301	Gigabit PoE Adapter		GV-PA301 is a Gigabit Power over Ethernet (PoE) adapter.
GV-POE Switch	The GV-POE Switch is designed to provide power along with network connection for IP devices. The GV-POE Switch is available in various models with different numbers and types of ports.		
Power Adapter	Contact our sales representatives for the countries and areas supported.		



USA VISION SYSTEMS

Cube Hotswap Series VMS Server

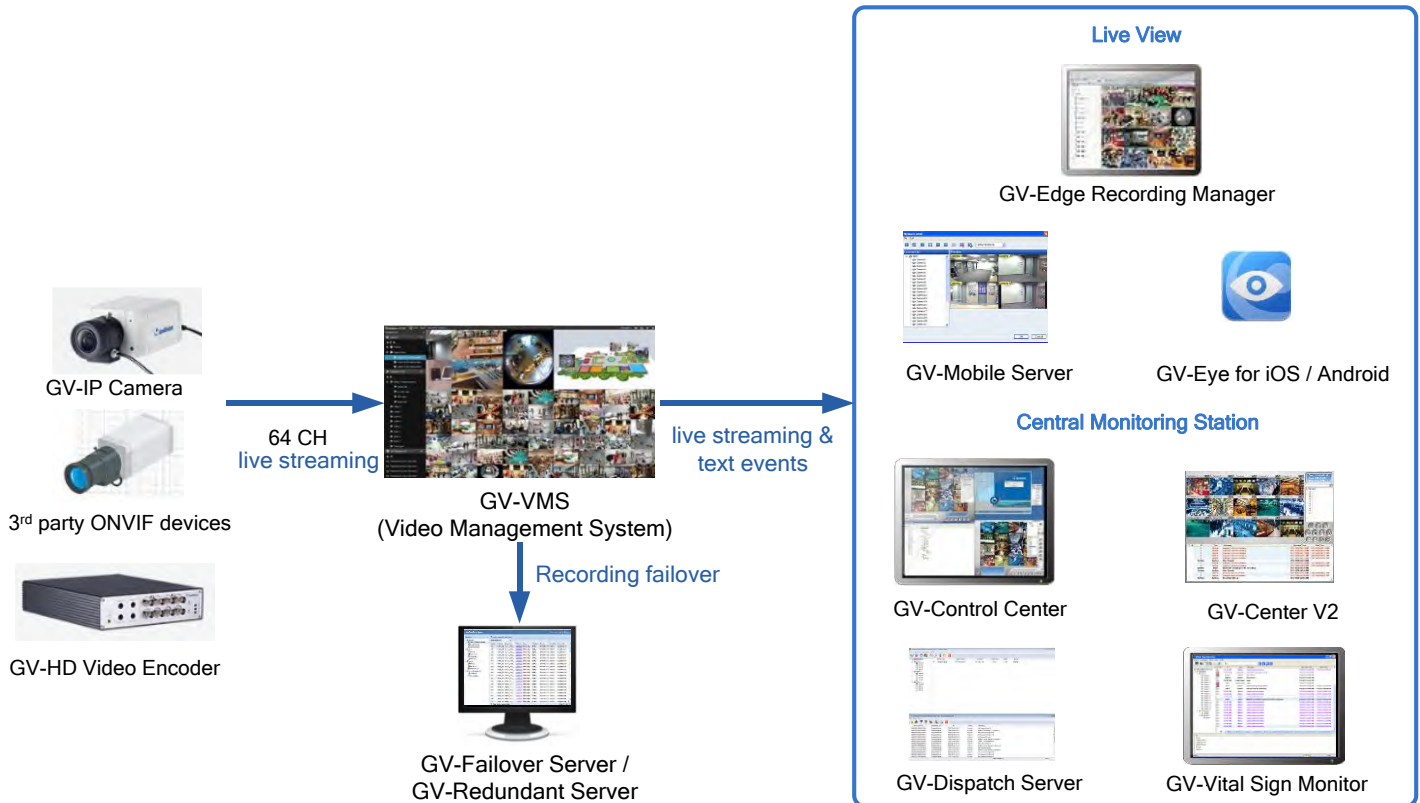
CPU		Intel 11th Generation i3 / i5 / i7
Memory (RAM)		Standard 16GB DDR4
OS Drive		256GB
Server OS		Windows 10 Professional 64 Bit
Power Supply		265 W
Data HDD Included		0
Max # of HDD		4
Max HDD Storage		56 TB
Removable HDD		Yes
Hotswappable HDD		Yes
Video	Codec	MPEG4, MJPEG, H.265,H.264
	Input	16 or 32
Video Resolution		Panel Resolution up to 4K
Backup Type		DVD+R (DL), DVD-R (DL), DVD+R, DVD+RW, DVD-R, DVD-RW, CD-R, CD-RW
Recovery Option		Hidden Partition System Restore
Connector	Ethernet	2 RJ-45, 10/100/1000 Mbps
	VGA Output	Dual Monitor Output DP and HDMI
	USB 3.1	2 Front, 4 Rear
Remote Access		TCP/IP, Lan, Wan, Internet, Modem to Modem, ISDN
Operating Temperature		0 to 45 °C (32 to 133 °F)
Humidity		0 to 80% RH (non condensing)
Power Supply		265 W
Dimensions (W x D x H)		7.50" x 7.75" x 10"
Weight Approximate (lbs)		10 without HDDs
Optional Products		GV-IO Box 4 / GV-IO Box 8 / GV-IO Box 16 / GV-Data Capture Box Series / GV-Hub Box / GV-COM Box/ GV-DOM / GV-Joystick / GV-Remote / GV - Keyboard
Languages		English/ Spanish

GV-VMS



INTRODUCTION

GV-VMS is a comprehensive video management system that records up to 64 channels of GeoVision and/or third-party IP devices. The live view and playback layout can be easily adjusted with the intuitive drag-and-drop function. GV-VMS comes with a variety of intelligent video analytics to offer precise monitoring and to reduce the need for manual supervision. The built-in WebCam Server allows users to remotely access live view and recordings from anywhere using Web browsers, mobile app and GV-Remote ViewLog program. Compatibility with GV-CMS (GeoVision Central Monitoring Station) and support for a wide selection of third-party ONVIF cameras make GV-VMS a versatile and effective surveillance solution.



Features

Monitoring

- Up to 64 channels in VMS and CMS applications
- H.264, H.265 GPU decoding
- Software license management
- Customizable layout for live view and playback with drag-and-drop support
- Multi-monitor display to show live view and playback on different monitors
- Support for QView display that enables the projection of a live view onto another monitor
- Support for Microsoft SQL and Access data types
- Support for over 500 GeoVision and 3rd party IP camera models
- Auto search for IP cameras within the LAN
- Support for resolution from CIF to megapixels
- Smart dual stream for monitoring and recording
- Support for smart streaming of GV-IP cameras
- Panel resolution up to 4K
- Noise Tolerance for motion detection
- 3D E-map
- System log
- Support for up to 1,000 accounts for login
- Multi-level passwords protection and password expiration management
- Automatic login with GV-PCR310 Enrollment Reader
- I/O devices control
- PTZ control panel and PTZ auto functions
- System idle protection
- Live view buffer and frame rate control
- Live Object Index to show the objects or faces captured
- On-demand display of adjusting live view resolution automatically
- Fisheye dewarping for GeoVision and 3rd party fisheye cameras
- Support for [GV-Live Streaming](#) for streaming from Android / iOS mobile device cameras
- Support for ONVIF cameras, PSIA and RTSP protocols

Intelligent Recording, Smart Search and Easy Playback

- Continuous recording (round-the-clock) and recording triggered by motion detection, alarm and schedule
- Adjustable recording quality and frame rate for each camera
- Pre-motion/IO and post-motion/IO recording
- Storyline recording
- Timeline search
- Object search
- Thumbnail browse to quickly search for specific frames within video footage
- Instant playback
- Bookmarking video events
- Support for Daylight Saving Time (DST)
- Support for recording in standard H.264, H.265, and MJPEG codec
- Support for configuration change without stopping recording
- Continuous playback of set frames A to B
- AVI repair utility

Video Merging and Export

- Exporting video recording within a specified time range
- Exporting videos in EXE format, playable with any third-party players
- Exporting videos of multiple channels in a single AVI video
- Support for automatically assigning storages to multiple camera channels
- Support for Windows burning software
- Time Merge function for exporting a full-length video with recorded and non-recorded periods
- Support for saving dewarped fisheye view in AVI format

Notifications

- E-mail notifications with video images attached upon alert conditions
- Camera popup upon motion or I/O trigger
- Computer alarms upon recording errors, input, motion and other alert conditions
- Video lost detection and notifications

Video Analytics

- Object Index
- Privacy Mask
- Defog
- Stabilizer
- Intrusion Alarm
- Counter
- Crowd Detection
- Advanced Unattended Object
- Advanced Scene Change
- Advanced Missing Object
- Face Count
- Face Detection by Software
- Heat Map

Utilities

- Dynamic DNS
- Digital watermark
- Windows lockup
- Fast backup and restore (FBR)
- Bandwidth Control program
- Point of Sale (POS) integration
- Local backup and remote backup with GV-Backup Center
- Report Generator

WebCam for Remote Surveillance

- SSL Encrypt Connection Support
- UPnP™ Support
- Control Panel on Single View to provide instant information and operation
- Support for PIP, Focus View, Defogging Live Videos, and Video Stabilizer in Single View
- Restricting Power User and User to access WebCam Server at specified time length
- Event List Query
- Download Center
- Remote E-Map with popup live images upon input trigger

Advanced I/O Control

- Visual Automation to intuitively trigger an output by clicking on the camera view
- Virtual I/O control
- Video recording, e-mail notifications and output device trigger upon input trigger
- PTZ camera moved to a preset location upon input trigger
- Latch Trigger feature

Remote Monitoring Software

- Built-in WebCam Server
- GV-Mobile Server
- GV-Edge Recording Server (Windows / Mac) *
- GV-Eye for iOS and Android

IT Technology

- RSA Network Security
- Authentication Server: centralized password and account management to multiple GV-VMS systems with support for Windows Active Directory

Integration with Central Monitoring System

- GV-Center V2
- GV-Vital Sign Monitor
- GV-Dispatch Server
- GV-Control Center

Distinctive Features on GV-VMS V18 Series

GV-VMS V18 series includes not only all of capabilities of a video management system, but also the following:

- Face Detection with AI-capable GV IP cameras
- Face Recognition with GV-Face Recognition Camera (GV-VD8700) and software (GV-AI FR)
- Face Search by face snapshots, photos, age, gender, name, face group and alert type
- AI analytics events with AI-capable GV IP cameras
- AI event alerts via I/O devices, computer alarms and e-mails
- PVD motion detection for identifying people and vehicle motion from moving objects (up to 64 CH, GV-AI Accelerator Module required)
- Smart Motion Search to search for motion on recorded videos by defining regions of interest
- Face blurring for faces detected
- SIP 2-way audio communication for dial-out
- Display of POS transactions only (no live view) on any of screen divisions

License

● GV-VMS V17 (Free 32 GV Channels)

GV-VMS V17 series supports connection of up to 64 IP channels, and up to 32 channels of GeoVision IP Devices are for free. If you need to connect more than 32 channels of GeoVision IP Devices or connect with third-party IP devices, additional licenses are required.

Supported Devices	Channels	License
GV-IP Devices Only	32 ch	No license required
	64 ch	GV-VMS Pro license required, 32 ch per license
GV + 3rd-Party IP Devices	16 ch	Trial Version: 16 channels of 3rd-Party IP devices
	32 ch	3rd-Party or HD DVR license required, in increments of 1 ch
	64 ch	2 licenses required: <ul style="list-style-type: none"> • GV-VMS Pro license, 32 ch per license. • 3rd-Party or HD DVR license, in increments of 1 ch.

Note:

1. The licensing comes in two forms: *GV-USB dongle* and *software license*. The two are incompatible. If a GV-USB dongle has been inserted on the computer with the system, please remove it before using software licensing.
2. GV-USB dongle comes in internal and external dongles. Internal dongle is recommended for the Hardware Watchdog function, which restarts the PC when Windows crashes or freezes.
3. GeoVision offers a 60-day trial period that allows you to connect to 16 channels of third-party IP devices without license. Currently, you cannot remotely access the trial channels using remote applications.

Note for GV-VMS V17.4.5 or later:

1. The **HD DVR** license is only supported by GV-VMS V17.4.5 or later.
2. The **HD DVR** license is required for connecting UA-XVR and UA-XVL series (only **analog** channels supported)
3. The **3rd-Party** license is required for connecting UA-IP cameras.

● GV-VMS V18 (for AI Integration)

GV-VMS V18.1 or later is a paid software for AI integration that supports connection of up to 64 IP channels, and can connect up to 32 channels of GeoVision IP devices upon initial purchase. If you need to connect more than 32 channels of GeoVision IP devices or connect with third-party IP devices, additional licenses are required.

Supported Devices	Channels	License
GV-IP Devices Only	32 ch	Initial license required
	64 ch	2 licenses required: <ul style="list-style-type: none"> • GV-VMS V18.1 or later initial license • GV-VMS Pro license, 32 ch per license
GV + 3rd-Party IP Devices	4 ch	Trial Version: 4 channels of 3rd-Party IP devices (a license key required)
	32 ch	2 licenses required: <ul style="list-style-type: none"> • GV-VMS V18.1 or later initial license • 3rd-Party or HD DVR license, in increments of 1 ch
	64 ch	3 licenses required: <ul style="list-style-type: none"> • GV-VMS V18.1 or later initial license • GV-VMS Pro license, 32 ch per license • 3rd-Party or HD DVR license, in increments of 1 ch

Note:

1. The licensing comes in two forms: *GV-USB dongle* and *software license*. The two are incompatible. If a GV-USB dongle has been inserted on the computer with the system, please remove it before using software licensing.
2. GV-USB dongle comes in internal and external dongles. Internal dongle is recommended for the Hardware Watchdog function, which restarts the PC when Windows crashes or freezes.
3. GeoVision offers a 30-day trial period that allows you to connect to 4 channels of third-party IP devices with a license key required. Please contact our sales representatives for the applicable license key of the trial version.
4. GV-Center V2 / GV-Vital Sign Monitor V18.4.0 or later does not support AI and PVD events from GV-VMS.

Note for GV-VMS V18.3.1 or later:

1. The **HD DVR** license is only supported by GV-VMS V18.3.1 or later.
2. The **HD DVR** license is required for connecting UA-XVR and UA-XVL series (only **analog** channels supported)
3. The **3rd-Party** license is required for connecting UA-IP cameras.

Minimum System Requirements

Below are the minimum PC requirements for connecting GV-VMS with 32 and 64 channels of GeoVision and 3rd party IP cameras (dual streams).

● GV-VMS V17

CPU	GV-VMS (Up to 32 Channels)	GV-VMS Pro (Up to 64 Channels)
OS	64-bit Windows 8 / 8.1 / 10 / 11 / Server 2012 R2 / Server 2016 / Server 2019	
CPU	4th Generation i5-4670, 3.4 GHz	4th Generation i7-4770, 3.4 GHz
Memory	8 GB RAM	16 GB RAM
Processor Graphics	Please see <i>GPU Decoding</i> specifications below.	

Note:

- To use the fisheye dewarping function, the graphic card must support DirectX 10.1 or above.
- The system requirements are determined in round-the-clock recording mode with live view only, while remote connections and video analysis features being disabled.
- H.265 decoding requires 6th Generation Intel Desktop Processor (Skylake) or above, which comes with onboard GPU.

● GV-VMS V18

CPU	GV-VMS (Up to 32 Channels)	GV-VMS Pro (Up to 64 Channels)
OS	64-bit Windows 10 / 11 / Server 2016 / Server 2019 / Server 2022	
CPU	4th Generation i5-4670, 3.4 GHz	4th Generation i7-4770, 3.4 GHz
Memory	8 GB RAM	16 GB RAM
Processor Graphics	Please see <i>GPU Decoding</i> specifications below.	

Note:

- To use the fisheye dewarping function, the graphic card must support DirectX 10.1 or above.
- H.265 decoding and searching of face recognition events by face images require 6th Generation Intel Desktop Processor (Skylake) or above, which comes with onboard GPU.
- PVD motion detection requires 11th Generation Intel Desktop Processor or above, which comes with onboard GPU.
- For the expansion of more PVD motion detection channels, make sure your PC is installed with GV-AI Accelerator Module and compatible with the following system requirements:
 - For PVD motion detection of up to **48** channels: PC RAM of at least 16 GB and 11th Generation Intel Desktop Processor or above.
 - For PVD motion detection of up to **64** channels: PC RAM of at least 32 GB and 13th Generation Intel Desktop Processor or above.
- A maximum of one unit of GV-AI Accelerator Module is supported.
- The system requirements are determined in round-the-clock recording settings with live view only, while remote connections and video analysis being disabled.

Specifications

Video Input	Up to 64 channels
Audio Input	Up to 64 channels
Video Codec	MJPEG, H.264, H.265
Audio Codec	16 kHz / 16-bit, 32 kHz / 16-bit
Video Resolution	From CIF to megapixels
Networking	LAN, WAN, Internet
Backup Device	HDD, NAS, CD-R / R-W, DVD+R / +RW, DVD+R (DL), ZIP, JAZ, Blu-ray, GV-Storage System
Language	Bulgarian / Czech / Danish / English / French / German / Greek / Hebrew / Hungarian / Italian / Japanese / Persian / Polish / Portuguese / Russian / Serbian / Simplified Chinese / Slovakian / Slovenian / Spanish / Traditional Chinese / Turkish

Note: All specifications are subject to change without notice.

Optional Licenses

Optional Combinations	<ol style="list-style-type: none"> GV-VMS + GV-POS S/W Capture (with options of 4 serial POS and 32 network POS devices) GV-VMS + GV-POS Text Sender (with options of 1, 2, 4, 8, 12 and 32 ports) GV-VMS + GV-LPR Plugin
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Minimum Network Requirements

The data transmitting capacity of GV-VMS depends on the number of Gigabit connections available. The number of Gigabit network cards required to connect 64 channels are listed below according to the resolution and codec of the source video.

Codec	Resolution	Bitrate Used (Mbps)	Total FPS for 64 ch	Gigabit Network Cards Required	Max. Channels Supported per Network Card
H.264	1.3 MP	5.05	1920	1	Max. 64 ch / card
	2 MP	7.01	1920	1	Max. 64 ch / card
	3 MP	10.48	1280	1	Max. 64 ch / card
	4 MP	11.65	960	2	Max. 50 ch / card
	5 MP	16.48	640	2	Max. 38 ch / card
	8 MP	17.14	1600	2	Max. 38 ch / card
H.265	12 MP	16.67	960	2	Max. 38 ch / card
	2 MP	5.90	1920	1	Max. 64 ch / card
	3 MP	7.06	1920	1	Max. 64 ch / card
	4 MP	9.44	1600	1	Max. 64 ch / card
	5 MP	7.52	1920	1	Max. 64 ch / card
	8 MP	9.83	1280	1	Max. 64 ch / card
MJPEG	12 MP	9.85	1280	1	Max. 64 ch / card
	1.3 MP	32.36	1920	3	Max. 22 ch / card
	2 MP	44.96	1920	4	Max. 16 ch / card
	3 MP	38.73	1280	4	Max. 18 ch / card
	4 MP	40.35	960	4	Max. 17 ch / card
	5 MP	30.48	640	3	Max. 22 ch / card
	8 MP	58.52	1600	6	Max. 12 ch / card
	12 MP	65.98	960	6	Max. 11 ch / card

Frame Rate Limit in a Single Hard Disk

Since the size of transmitted data from IP cameras may be quite large and reach beyond the transfer rate of a hard disk, you should note the total recording frame rates that you can assign, as listed below.

Frame Rate Limit in a Single Hard Disk				
Video resolution	H.264		H.265	
	Frame Rate (fps)	Bitrate (Mbit/s)	Frame Rate (fps)	Bitrate (Mbit/s)
1.3 MP	660	5.05	N/A	N/A
2 MP	660	7.01	660	5.90
3 MP	440	10.48	660	5.35
4 MP	330	11.65	550	7.74
5 MP	220	16.48	660	6.73
8 MP	550	14.13	440	9.83
12 MP	330	14.47	440	9.85

Note: The data above was determined using the bit rate listed above, hard disks with 7200 RPM at least and average R/W speed above 110 MB/s.

The frame rate limit is based on the resolution of video sources. The higher video resolutions, the lower frame rates you can assign to a single hard disk. In other words, the higher frame rates you wish to record, the more hard disks you need to install. For the information of recording frame rates, you may consult the user's manual of the IP camera that you wish to connect to.

Recommended Hard Disks

For system efficiency, we recommend the **enterprise-level** hard disk drives with **7200 RPM** at least and average R/W speed above **110 MB/s**. Avoid using desktop-level hard disks which may affect system efficiency.

GPU Decoding

A higher total frame rate can be achieved if your CPU comes with onboard GPU or is connected to external GPU for GPU decoding.

Onboard GPU: GPU decoding is only supported when using the following Intel CPU:

For **H.264** Video Compression

- 2nd ~ 8th Generation Intel Core i3 / i5 / i7 Desktop Processors
- 9th ~ 14th Generation Intel Core i3 / i5 / i7 / i9 Desktop Processors

For **H.265** Video Compression

- 6th ~ 8th Generation Intel Core i3 / i5 / i7 Desktop Processors
- 9th ~ 14th Generation Intel Core i3 / i5 / i7 / i9 Desktop Processors

Note: To get the best performance of 12th Generation Intel Processor or later versions, make sure to upgrade your GV-VMS to V17.4.7 or later / V18.3.2 or later.

External GPU: GPU decoding is only supported when using NVIDIA graphics cards with a compute capability of 3.0 or above and a memory of 2 GB or above. To look up the compute capability of the NVIDIA graphics cards, refer to: <https://developer.nvidia.com/cuda-gpus>.

Note:

1. One external NVIDIA graphics card can be supported by GV-VMS17.1 or later to perform GPU decoding at free of charge.
2. GeForce GTX1060 is not supported.

Onboard GPU + external GPU: To have both the onboard and external GPU to perform GPU decoding, the GPUs must follow their respective specifications listed above.

Note:

1. If you have both onboard and external GPU installed, the onboard GPU must be connected to a monitor for H.264 / H.265 GPU decoding.
2. CUDA compute capability 5.0 or higher is required to ensure optimal performance. For more information, see [Total frame rate and number of channels supported](#) section below.

Total frame rate and number of channels supported

Refer to the documents below to see the total frame rate and number of channels supported by GV-VMS when connected to different IP devices.

- IP Device Integration Notes (H.264 CPU/GPU Decoding, based on GV-VMS V15.10.1.0)
- IP Device Integration Notes (H.265 GPU Decoding, based on GV-VMS V15.11.0.0)
- GV-Fisheye Camera Integration Notes

Options

Optional Devices	Description
GV-AI Accelerator Module	Only applicable for GV-VMS V18.3.2 or later. GV-AI Accelerator Module is equipped with the M.2 M key connector and is compatible with 11th Gen CPUs or later versions. With GV-AI Accelerator Module, users are allowed to enable PVD motion detection of up to 64 channels. See GV-AI Accelerator Module's datasheet for details.
GV-Data Capture	GV-Data Capture unit allows the integration of POS systems and the GeoVision surveillance system through cable or network connection.
GV-IO Box Series	GV-IO Box series provides 4 / 8 / 16 inputs and relay outputs, and supports both DC and AC output voltages, with optional support for Ethernet module and 4E additionally supporting PoE connection.
GV-Joystick V2	GV-Joystick V2 facilitates PTZ camera control. It can be either plugged into the GeoVision surveillance system for independent use or connected to GV-Keyboard to empower the operation.
GV-Keyboard V3	GV-Keyboard V3 is designed to program and operate the GeoVision surveillance system with the keyboard and functional keys, and can be connected to PTZ cameras directly for PTZ control.
GV-NET I/O Card V3.2	GV-NET/IO card V3.2 provides 4 inputs and 4 relay outputs. It supports both DC and AC output voltages and provides a USB port as well.

GV-SD4834-IR AI 4MP 33x Zoom H.265 Super Low Lux WDR Pro Outdoor IR IP

Speed Dome



- AI deep learning: AI Perimeter Protection & Classification (Human, Vehicle)
- 1/2.8" progressive scan CMOS sensor
- Min. illumination at 0.003 lux
- Triple streams from H.265, H.264 or MJPEG
- Up to 30 fps at 2688 x 1520
- Motorized varifocal lens for remote focus / zoom adjustments
- 33x optical zoom and unlimited digital zoom
- Intelligent IR
- IR distance up to 150 m (500 ft)
- Day and night function (with removable IR-cut filter)
- Two sensor inputs and one alarm output
- Wide Dynamic Range Pro (WDR Pro)
- Ingress protection (IP66)
- Vandal resistance (IK10 for metal casing)
- Wide temperature tolerance (-40°C ~ 65°C / -40°F ~ 149°F)
- Support for TV-out
- Two-way audio capable
- Built-in micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) for local storage
- DC 24V / AC 24V / PoE+ (IEEE 802.3at)
- Pan 360° endlessly
- Tilt from -15° to 90°
- Pan and tilt speed of up to 300°/sec and 240°/sec, respectively
- PTZ movement (Preset, Auto Pan and Patrol)
- PTZ patrol by schedule
- AI analytics (Cross Line, Intrusion, Auto Tracking, Enter Area, Leave Area, Face Detection, People Flow Counting, Crowd Density Monitoring)
- Auto focus
- 3D noise reduction
- Motion detection
- Privacy mask
- ONVIF (Profile G, S, T, M) conformant

Introduction

GV-SD4834-IR is an outdoor network PTZ camera that offers 33x optical zoom and unlimited digital zoom, capable of showing smooth live view with great details. This camera can simultaneously deliver three video streams in resolutions up to 2688 x 1520 at 30 fps. In low-light environments, night vision is enhanced with its high-power LEDs, which allow up to 150 m (500 ft) effective IR distance. The camera can process scenes with contrasting intensity of lights and produce clear image using the built-in WDR Pro. The camera supports H.265 video codec to achieve better compression ratio while maintaining high quality pictures at reduced network bandwidths. It also adheres to IP66 and IK10 standards.

Empowered by deep learning algorithms, AI technology distinguishes human and vehicles from other moving objects. GV-SD4834-IR supports AI perimeter protection, people flow counting, auto tracking, motion detection, audio detection and more.

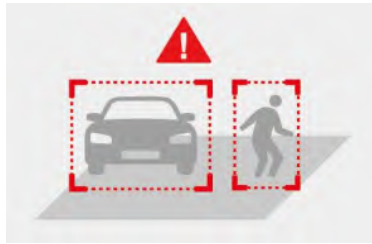
Deep Learning Function

Face Detection



AI Perimeter Protection

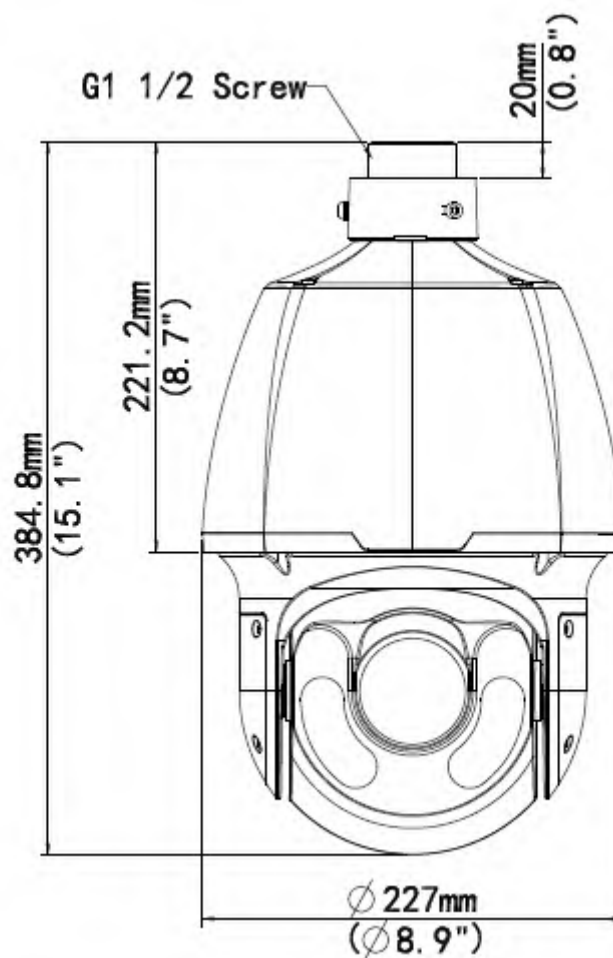
(Intrusion, Crossing Line
Entering Area, Leaving Area)



People Flow Counting



Dimensions



Specifications

Camera		
Image Sensor	1/2.8" progressive scan CMOS	
Optical Zoom	33x	
Minimum Illumination	Color	0.003 Lux (F1.5, AGC ON)
	IR ON	0 Lux
Electronic Shutter	Auto / Manual (1 ~ 1/100000 sec)	
White Balance	Auto / Manual	
Iris control	Auto / Manual	
AGC control	Auto / Manual	

S/N Ratio	56 dB				
WDR	WDR Pro				
Dynamic Range	Up to 120 dB				
DORI	Detect	Observe	Recognize	Identify	
Lens	4.5 mm	105.8 m (346.9 ft)	42.3 m (138.8 ft)	21.2 m (69.4 ft)	10.6 m (34.7 ft)
	148.5 mm	3172.5 m (10408.5 ft)	1269.0 m (4163.4 ft)	634.5 m (2081.7 ft)	317.3 m (1040.8 ft)
Optical Lens					
Megapixel	4 MP				
Day / Night	Yes (with removable IR-cut filter)				
Focal Length	4.5 ~ 148.5 mm				
Lens Type	Motorized varifocal lens				
Maximum Aperture	F1.5				
Horizontal FOV	53.0° ~ 2.3°				
Operation	Focus	Auto / Manual			
	Zoom	33x			
	Iris	Auto / Manual			
IR LED Quantity	6 IR LEDs				
Max. IR Distance	150 m (500 ft)				
Video					
Video Compression	H.265, H.264, MJPEG				
Video Streaming	Triple streams from H.265, H.264 or MJPEG				
Video Resolution	Main Stream	2688 x 1520 (Default), 2560 x 1440, 1920 x 1080, 1280 x 720, 720 x 576, 640 x 360.			
	Sub Stream	1920 x 1080, 1280 x 720, 720 x 576, 640 x 480, 640 x 360 (Default)			
	Third Stream (Closed by Default)	720 x 576, 704 x 288, 640 x 360, 352 x 288			
Frame Rate	30 fps at 2688 x 1520, 30 fps at 2560 x 1440, 30 fps at 1920 x 1080 (60 / 50 Hz) * The frame rate and performance may vary depending on the number of connections and data bitrates (different scenes).				
Video Analytics	Motion Detection, Tampering Alarm, Audio Detection *Tampering alarm and audio detection are only accessible through the camera's Web interface, which can be used to trigger alerts such as e-mail and FTP				
Image Setting	Brightness, Contrast, Saturation, Sharpness, Flicker-less, Image Orientation (Flip, Mirror, 0°, 90°, 180°, 270°-including Corridor format)				
Audio					
Audio Compression	G.711				
Audio Support	Two-way Audio (external microphone and speaker required)				
Deep Learning Function					
AI Analytics	Cross Line, Intrusion, Auto Tracking, Enter Area, Leave Area, Face Detection, People Flow Counting, Crowd Density Monitoring				
Network					
Interface	10/100 Ethernet				
Protocol	802.1x, ARP, DHCP, DDNS, DNS, DynDNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4, NTP, ONVIF (Profile G, S, T, M), PPPoE, QoS, RTCP, RTP, RTSP, SMTP, SNMP, TCP, UDP, UPnP				
Mechanical					
Connectors	Power	3-pin terminal block (DC 24V, 2.5A / AC 24V, 2.2A), PoE+ (IEEE 802.3at)			
	Ethernet	10/100 Base-TX, RJ-45 connector			
	Audio	1 in (Audio In Wire); 1 out (Audio Out Wire) *The Audio In port only supports microphones with power supply.			
	Local Storage	Micro SD card slot (SD / SDHC / SDXC / UHS-I, Class 10) * UHS-II card types are not supported.			
	TV-Out	BNC connector: NTSC (720 x 576 at 30 fps), PAL (720 x 576 at 25 fps)			
	Digital I/O	I/O wires			
	RS-485	RS-485 wires (Private-KR, Pelco D, Pelco P)			
Operation					
Pan Travel	360° endless				
Tilt Travel	-15° ~ 90°				

Manual Speed	Pan	0.1° ~ 200°/s
	Tilt	0.1° ~ 200°/s
Preset Speed	Pan	300°/s
	Tilt	240°/s
Presets	Max. Number	255
	Accuracy	0.3°
Patrol	Max. Number	16
	Max. Actions Allowed	32
OSD		8
Privacy Mask		24
Proportional Pan & Tilt		Auto (Pan and tilt speed proportional to zoom ratio)
Automatic Function		Preset, Patrol (Including Auto Pan)
Mechanical Flip		Yes
Digital Slow Shutter		On / Off
Motion Detection		On / Off
Wide Dynamic Range		On / Off
Day/Night: Mechanical IR Cut Filter		On / Off
Image Rotation		Normal, Flip Vertical, Flip Horizontal, 180°, 90° Clockwise, 90° Anti-clockwise
3D Noise Reduction		0 ~ 255
Alarm	Digital I/O	2 Inputs, dry contact, NO / NC 1 Relay Output (AC 125V 0.5A / DC 30V 1A)
	Reaction	Alarm Output, PTZ to Preset, Trigger Storage

General

Operating Temperature	-40°C ~ 65°C (-40°F ~ 149°F)
Humidity	20% ~ 90% (non-condensing)
Dimensions	Ø227 x 384.8 mm (Ø8.9" x 15.1")
Weight	5.28 kg (11.64 lb)
Power Source	AC 24V, DC 24V, PoE+ (IEEE 802.3at)
Power Consumption	25W
Ingress Protection	IP66
Vandal Resistance	IK10 for metal casing
Certification	CE, FCC, RoHS, UL compliant

Web Interface

Installation Management	Web-based configuration
Maintenance	Firmware upgrade through Web Browser or Utility
Access from Web Browser	Live View, Video Recording, Change Video Quality, Bandwidth Control, Image Snapshot, Text Overlay, Image Masking
Language	Czech, English, French, German, Hungarian, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Traditional Chinese

Software Applications

Software Supported	GV-DVR / NVR (V8.9.1 or later), GV-VMS (V17.4.3 / V18.2.1 or later), GV-Control Center (V3.8.0 / V4.0.1 or later), GV-Edge Recording Manager Windows Version (V2.0.0 or later), GV-Recording Server / Video Gateway (V2.0.0 or later), GV-Redundant / Failover Server (V1.2.0 or later), GV-Mobile Server (V1.5.1 or later). GV-AI Guard (V1.0.0 or later)
Smart Device Access	GV-Eye for iOS and Android
Live Viewing	Bowser (IE, Edge, Chrome, Firefox), Mobile App

Note:

- Do not use clothes or any ordinary material to clean the camera cover since they may result in scratches.
- Mind the following when using an inserted memory card for recording:
 - Recorded data on the memory card can be damaged or lost if the data are accessed while the camera is under physical shock, power interruption, memory card detachment or when the memory card reaches the end of its lifespan. No guarantee is provided for such causes.
 - The stored data can be lost if the memory card is not accessed for a long period of time. Back up your data periodically if you seldom access the memory card.
 - Memory cards are expendable and their durability varies according to the conditions of the installed site and how they are used. Back up your data regularly and replace the memory card annually.
 - To avoid power outage, it is highly recommended to apply a battery backup (UPS).
 - For better performance, it is highly recommended that you use a micro SD card of SDHC/SDXC, Class 10.

- Replace the memory card when its read/write speed is lower than 6 MB/s or when the memory card is frequently undetected by the camera.
3. Specifications are subject to change without notice.

Packing List













1. GV-SD4834-IR Speed Dome
2. M4 Hex Key
3. Waterproof Rubber Set
4. Waterproof Guidelines
5. Download Guide

Accessories

Model No.	Name		Details
GV-Mount104	Straight Tube Kit		Dimensions: 219 x 125 x 332 mm (8.6" x 4.9" x 13.1") Weight: 1.8 kg (3.97 lb)
GV-Mount105	Straight Tube and Junction Box Kit		Dimensions: 256 x 256 x 297 mm (10.1" x 10.1" x 11.7") Weight: 6.2 kg (13.67 lb)
GV-Mount208-3	Swan Neck Mount		Dimensions: 1043 x 519 x 256 mm (41.06" x 20.43" x 10.08") Weight: 10.6 kg (23.37 lb)
GV-Mount210	Wall Pendant Mount		Dimensions: 200 x 140 x 249 mm (7.9" x 5.5" x 9.80") Weight: 1.1 kg (2.43 lb)
GV-Mount300-1	Convex Corner Adapter Kit		Dimensions: 238.6 x 395.2 x 210 mm (9.4" x 15.5" x 8.2") Weight: 4.27 kg (9.41 lb)
GV-Mount310-1	Concave Corner Adapter Kit		Dimensions: 111.2 x 369.9 x 210 mm (4.37" x 14.5" x 8.2") Weight: 2.96 kg (6.53 lb)

GV-Mount400-1	Pole Mount Bracket Kit (Ø 4" ~ 6")		Bracket: 68.4 x 240 x 163 mm (2.69" x 9.44" x 6.41") Weight: 1.70 kg (3.75 lb) Steel Strap Diameter: Ø 4" ~ 6"
GV-Mount410-1	Pole Mount Bracket Kit (Ø 6" ~ 7.5")		Bracket: 68.4 x 240 x 163 mm (2.69" x 9.44" x 6.41") Weight: 1.70 kg (3.75 lb) Steel Strap Diameter: Ø 6" ~ 7.5"
GV-Mount501	Convex Corner Box Mount		Dimensions: 136 x 256 x 256 mm (5.4" x 10.1" x 10.1") Weight: 4.8 kg (10.6 lb)
GV-Mount702	Extension Tube		Four options are available. Dimensions: Ø 5.4" x 10" or 20 or 30 or 50 cm (Ø 2.1" x 3.9" or 7.9" or 11.8" or 19.7") Weight: 180 g or 390 g or 550 g or 800 g (0.4 lb or 0.86 lb or 1.21 lb or 1.76 lb)
GV-PA301	Gigabit PoE Adapter		GV-PA301 is a Gigabit Power over Ethernet (PoE) adapter.
GV-POE Switch	GV-POE Switch is designed to provide power along with network connection for IP devices. The GV-POE Switch is available in various models with different numbers and types of ports.		
Power Adapter	Contact our sales representatives for the countries and areas supported.		

Mounting Type

Straight Tube Mount			
<p>GV-Mount104</p> 	<p>GV-Mount104 + GV-Mount702</p> 	<p>GV-Mount105</p> 	<p>GV-Mount105 + GV-Mount702</p> 
Swan Neck Mount	Wall Pendant Mount	Convex Corner Mount	Concave Corner Mount
<p>GV-Mount208-3</p> 	<p>GV-Mount210</p> 	<p>GV-Mount210 + GV-Mount300-1</p> 	<p>GV-Mount210 + GV-Mount310-1</p> 
Pole Mount		Pole Box Mount	
<p>GV-Mount210 + GV-Mount400-1</p> 	<p>GV-Mount210 + GV-Mount410-1</p> 	<p>GV-Mount210 + GV-Mount501 + GV-Mount400-1</p> 	<p>GV-Mount210 + GV-Mount501 + GV-Mount400-1</p> 

ESTIMATE

RCMF Automated Services
W7507 Saint Paul Rd
Crivitz, WI 54114-7419

rcmfautomatedservices@gmail.com

Bill to

Oconto Falls City
500 N Chestnut Street
PO Box 70
Oconto Falls, Wisconsin
54154 USA

Ship to

Oconto Falls City
500 N Chestnut Street
PO Box 70
Oconto Falls, Wisconsin
54154 USA

Estimate details

Estimate no.: 1007
Estimate date: 10/22/2024

#	Product or service	Description	Qty	Rate	Amount
1.	CAM-IP-GV-BUL-TBL8710-M	GEOVISION 8MP DIGITAL IP EXTERNAL BULLET CAMERA MOTORIZED	10	\$529.20	\$5,292.00
2.	CAM-IP-GV-EYE-EBD8813-	GEOVISION TARGET SERIES RESIDENTIAL EXTERNAL EYEBALL CAMERA 8MP MOTORIZED	9	\$499.00	\$4,491.00
3.	MOUNTS-BX	CAMERA BOX MOUNT	9	\$52.12	\$469.08
4.	NVR-GV-SERVER-CUBE	Geo Network Video Server Intel Core I7 Processor, 64 bit Windows 10, 4 swap bays max storage 12 TB, Dual Gigabit LAN Ports, HDMI/VGA Dual Monitor Display, Geo Software Supporting 32 Cameras, Remote Playback, Multiview, Live View, Recording Recycle. NO DRIVES	1	\$2,275.00	\$2,275.00
5.	HD-3TB	3TB PURPLE VIDEO HARD DRIVE	4	\$153.35	\$613.40
6.	SWITCH-GV-24-POE-2401-M	GEOVISION 24 Port Gigabit Power over Ethernet (POE) Network Switch.	1	\$634.99	\$634.99
7.	NET DROP	Network Cable Drop, Termination, Label, Tone Test Connection	15	\$100.00	\$1,500.00
8.	LABOR-CAM	CAMERA LABOR	25	\$100.00	\$2,500.00
9.	COMP-DELL-M	DELL I7 MICRO NVR WINDOWS 10 GEOVISION VMS SOFTWARE (REMOTE VIEW COMPUTER)	4	\$877.99	\$3,511.96

Total

\$21,287.43

Note to customer

CITY HALL LOCATION

Accepted date

Accepted by

ESTIMATE

RCMF Automated Services
W7507 Saint Paul Rd
Crivitz, WI 54114-7419

rcmfautomatedservices@gmail.com

Bill to

Oconto Falls City
500 N Chestnut Street
PO Box 70
Oconto Falls, Wisconsin
54154 USA

Ship to

Oconto Falls City
500 N Chestnut Street
PO Box 70
Oconto Falls, Wisconsin
54154 USA

Estimate details

Estimate no.: 1015
Estimate date: 12/12/2024

#	Product or service	Description	Qty	Rate	Amount
1.	CAM-IP-GV-EYE-EBD8813-	GEOVISION TARGET SERIES RESIDENTIAL EXTERNAL EYEBALL CAMERA 8MP MOTORIZED	0	\$499.00	\$0.00
2.	MOUNTS-BX	CAMERA BOX MOUNT	0	\$52.12	\$0.00
3.	NVR-GV-SERVER-CUBE	Geo Network Video Server Intel Core I7 Processor, 64 bit Windows 10, 4 swap bays max storage 12 TB, Dual Gigabit LAN Ports, HDMI/VGA Dual Monitor Display, Geo Software Supporting 32 Cameras, Remote Playback, Multiview, Live View, Recording Recycle. NO DRIVES	1	\$2,275.00	\$2,275.00
4.	HD-3TB	3TB PURPLE VIDEO HARD DRIVE	4	\$153.35	\$613.40
5.	SWITCH-GV-16-POE-1601-M	GEOVISION 16 Port Gigabit Power over Ethernet (POE) Network Switch. MANAGED	0	\$455.35	\$0.00
6.	NET DROP	Network Cable Drop, Termination, Label, Tone Test Connection	0	\$100.00	\$0.00
7.	LABOR-CAM	CAMERA LABOR	12	\$100.00	\$1,200.00
8.	NVR-CAM-LIC	Non Geovision Camera License	12	\$90.00	\$1,080.00

Total

\$5,168.40

Note to customer

STREET DEPARTMENT LOCATION Temp

Accepted date

Accepted by

ESTIMATE

RCMF Automated Services
W7507 Saint Paul Rd
Crivitz, WI 54114-7419

rcmfautomatedservices@gmail.com

Bill to

Oconto Falls City
500 N Chestnut Street
PO Box 70
Oconto Falls, Wisconsin
54154 USA

Ship to

Oconto Falls City
500 N Chestnut Street
PO Box 70
Oconto Falls, Wisconsin
54154 USA

Estimate details

Estimate no.: 1013
Estimate date: 12/12/2024

#	Product or service	Description	Qty	Rate	Amount
1.	CAM-IP-GV-EYE-EBD8813-	GEOVISION TARGET SERIES RESIDENTIAL EXTERNAL EYEBALL CAMERA 8MP MOTORIZED	0	\$499.00	\$0.00
2.	CAM-IP-GV-PTZ-SD2722	GEOVISION POINT TILT ZOOM (PTZ)EXTERNAL POE 20X ZOOM CAMERA SD-4824 POE++	0	\$1,899.30	\$0.00
3.	MOUNTS-BX	CAMERA BOX MOUNT	0	\$52.12	\$0.00
4.	MOUNT-GV-PTZ	PTZ OVERHEAD PTZ TUBE MOUNT	0	\$345.00	\$0.00
5.	NVR-GV-SERVER-CUBE	Geo Network Video Server Intel Core I7 Processor, 64 bit Windows 10, 4 swap bays max storage 12 TB, Dual Gigabit LAN Ports, HDMI/VGA Dual Monitor Display, Geo Software Supporting 32 Cameras, Remote Playback, Multiview, Live View, Recording Recycle. NO DRIVES	0	\$2,275.00	\$0.00
6.	HD-3TB	3TB PURPLE VIDEO HARD DRIVE	0	\$153.35	\$0.00
7.	SWITCH-GV-16-POE-1601-M	GEOVISION 16 Port Gigabit Power over Ethernet (POE) Network Switch. MANAGED	0	\$455.35	\$0.00
8.	MON-32	32 INCH HDMI MONITOR	0	\$422.89	\$0.00
9.	NET DROP	Network Cable Drop, Termination, Label, Tone Test Connection	0	\$100.00	\$0.00

10. LABOR-CAM	CAMERA LABOR	2	\$100.00	\$200.00
11. GV-DVR-16	ANALOG TO DIGITAL CONVERTER	1	\$1,300.00	\$1,300.00

Total

\$1,500.00

Note to customer

EASTSIDE BEACH LOCATION (TEMP)

Accepted date

Accepted by

ESTIMATE

RCMF Automated Services
W7507 Saint Paul Rd
Crivitz, WI 54114-7419

rcmfautomatedservices@gmail.com

Bill to

Oconto Falls City
500 N Chestnut Street
PO Box 70
Oconto Falls, Wisconsin
54154 USA

Ship to

Oconto Falls City
500 N Chestnut Street
PO Box 70
Oconto Falls, Wisconsin
54154 USA

Estimate details

Estimate no.: 1014
Estimate date: 12/12/2024

#	Product or service	Description	Qty	Rate	Amount
1.	CAM-IP-GV-EYE-EBD8813-	GEOVISION TARGET SERIES RESIDENTIAL EXTERNAL EYEBALL CAMERA 8MP MOTORIZED	0	\$499.00	\$0.00
2.	CAM-IP-GV-PTZ-SD2722	GEOVISION POINT TILT ZOOM (PTZ)EXTERNAL POE 20X ZOOM CAMERA POE++ SD4843	0	\$1,899.30	\$0.00
3.	MOUNTS-BX	CAMERA BOX MOUNT	0	\$52.12	\$0.00
4.	MOUNT-GV-PTZ	PTZ OVERHEAD PTZ TUBE MOUNT	0	\$345.00	\$0.00
5.	NVR-GV-SERVER-CUBE	Geo Network Video Server Intel Core I7 Processor, 64 bit Windows 10, 4 swap bays max storage 12 TB, Dual Gigabit LAN Ports, HDMI/VGA Dual Monitor Display, Geo Software Supporting 32 Cameras, Remote Playback, Multiview, Live View, Recording Recycle. NO DRIVES	0	\$2,275.00	\$0.00
6.	HD-3TB	3TB PURPLE VIDEO HARD DRIVE	0	\$153.35	\$0.00
7.	SWITCH-GV-16-POE-1601-M	GEOVISION 16 Port Gigabit Power over Ethernet (POE) Network Switch. MANAGED	0	\$455.35	\$0.00
8.	NET DROP	Network Cable Drop, Termination, Label, Tone Test Connection	0	\$100.00	\$0.00
9.	LABOR-CAM	CAMERA LABOR	2	\$100.00	\$200.00

10. **GV-DVR-16**

ANALOG TO DIGITAL CONVERTER

1

\$1,300.00

\$1,300.00

Total

\$1,500.00

Note to customer

MEMORIAL FIELD LOCATION (TEMP)

Accepted date

Accepted by

ESTIMATE

RCMF Automated Services
W7507 Saint Paul Rd
Crivitz, WI 54114-7419

rcmfautomatedservices@gmail.com

Bill to

Oconto Falls City
500 N Chestnut Street
PO Box 70
Oconto Falls, Wisconsin
54154 USA

Ship to

Oconto Falls City
500 N Chestnut Street
PO Box 70
Oconto Falls, Wisconsin
54154 USA

Estimate details

Estimate no.: 1014
Estimate date: 12/12/2024

#	Product or service	Description	Qty	Rate	Amount
1.	CAM-IP-GV-EYE-EBD8813-	GEOVISION TARGET SERIES RESIDENTIAL EXTERNAL EYEBALL CAMERA 8MP MOTORIZED	0	\$499.00	\$0.00
2.	CAM-IP-GV-PTZ-SD2722	GEOVISION POINT TILT ZOOM (PTZ)EXTERNAL POE 20X ZOOM CAMERA POE++ SD4843	0	\$1,899.30	\$0.00
3.	MOUNTS-BX	CAMERA BOX MOUNT	0	\$52.12	\$0.00
4.	MOUNT-GV-PTZ	PTZ OVERHEAD PTZ TUBE MOUNT	0	\$345.00	\$0.00
5.	NVR-GV-SERVER-CUBE	Geo Network Video Server Intel Core I7 Processor, 64 bit Windows 10, 4 swap bays max storage 12 TB, Dual Gigabit LAN Ports, HDMI/VGA Dual Monitor Display, Geo Software Supporting 32 Cameras, Remote Playback, Multiview, Live View, Recording Recycle. NO DRIVES	0	\$2,275.00	\$0.00
6.	HD-3TB	3TB PURPLE VIDEO HARD DRIVE	0	\$153.35	\$0.00
7.	SWITCH-GV-16-POE-1601-M	GEOVISION 16 Port Gigabit Power over Ethernet (POE) Network Switch. MANAGED	0	\$455.35	\$0.00
8.	NET DROP	Network Cable Drop, Termination, Label, Tone Test Connection	0	\$100.00	\$0.00
9.	LABOR-CAM	CAMERA LABOR	2	\$100.00	\$200.00

10. **GV-DVR-16**

ANALOG TO DIGITAL CONVERTER

1

\$1,300.00

\$1,300.00

Total

\$1,500.00

Note to customer

MEMORIAL FIELD LOCATION (TEMP)

Accepted date

Accepted by

CITY OF OCONTO FALLS

500 NORTH CHESTNUT PO BOX 70

OCONTO FALLS, WI 54154-0070

PHONE: 920-846-4505

FAX: 920-846-4516



To: Mayor & City Council
From: Peter A. Wills, City Administrator
Date: January 2025
Re: OFMU Bucket Truck Purchase Recommendation



The Oconto Falls Municipal Utilities are responsible for 30% of the Heating & Cooling Costs at City Hall and 30% of the technology upgrades.

1. City Hall HVAC Boilers and Air Conditioner total	\$140,428
Municipal Utilities portion 30%	<u>\$42,128.40.</u>
Utilities Bucket Truck	- \$20,000
Utilities remaining Balance	\$22,128 can be paid to be city by utilities.
	=====

2. Technology Upgrades at City Hall

Council Technology Board	\$10,991
Keycard & camera controller	\$10,483
City hall cameras	<u>\$21,297</u>
Total	\$42,771

30% Utility Portion	\$12,831
	=====

Allow www.fleetfarm.com to access your location?

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Remember this decision

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arm.

[Contact Us](#) [Store Locator](#) [Weekly Ad](#) [Track Order](#) [Gift Cards](#)

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Check out all the Weekly Deals | [VIEW THE ADS](#)

[Home](#) | [Farm & Livestock](#) | [Farm Supplies](#) | [Storage Tanks](#) | [Norwesco 2500 gal Vertical Storage Tank](#)

[Shop All Norwesco](#)

Norwesco 2500 Gal Vertical Storage Tank

Store SKU ID: **008610776**

4.0 (1)

\$2,109.99



Ship My Order
Not available



Store Pickup
Not available

Out of stock at **Green Bay West**

[Check other stores](#)

*Most orders ready within 2 hours

CHECK OTHER STORES

Item Details

Specifications

Assembly Required : No

Box Contents : Tank

Highlights

- A Vertical Storage Tank also called chemical storage tank, industrial storage tank, agricultural storage tank and liquid fertilizer storage tank



All Products ▾

Enter keyword, item, model or part #



Bulk Order ▾

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Roll over image to zoom.

[Product Image Feedback](#) Compare

Centrifugal Pump: 1 1/2 hp, 115/230V AC, 50 ft Max Head, 2 in , 1 1/2 in Intake and Disch

Item **784RN7** Mfr. Model **150MS1F4G4**

Your Price

\$1,696.59 / each

This item requires special shipping, additional charges may apply.

Qty
1[Add to Cart](#) Add Extended Protection Plan for **\$394.74** / each. [Details](#) Setup Auto Reorder Ship PickupExpected to arrive **Fri. Dec 13.**Ship to **54154** | [Change](#)Shipping Weight **51 lbs**[Ship Availability Terms](#)[Add to List](#)

Product Details

Brand **GOULDS WATER TECHNOLOGY**Manufacturer Part Number **150MS1F4G4**Pump Housing Material **Stainless Steel**Phase **Single**Horsepower **1-1/2 hp**Nameplate Voltage **115/230V AC**Maximum Flow Rate @ 40 Feet of Head **88 gpm**Maximum Flow Rate @ 50 Feet of Head **0 gpm**Catalog Page **N/A**Mounting Orientation **Horizontal**Compatible with Media Type **Water**Priming **Manual**Maximum Flow Rate @ 30 Feet of Head **112 gpm**Shaft Material **Stainless Steel**For Use With Potable Systems **Yes**Best Efficiency Head **42 ft**Discharge Type **NPT**

Compliance & Restrictions

This product has been certified by a third party to be compliant with the "Safe Drinking Water Act" requirements for low lead in potable (human consumption - drinking and cooking) and non-potable water applications (non-human consumption).

Home / Search for storage tank / Norwesco 2,500 gal. Vertical Water Storage Tank, Black

TSC TRACTOR SUPPLY CO. Rx Check out our online pet pharmacy. Easy refills & top brands delivered Shop pharmacy



Shop all Norwesco

New! Norwesco 2,500 gal. Vertical Water Storage Tank, Black

★★★★★ 5.0 1 Reviews | Item # 245707899

\$2198.66 or \$66/mo.† for 36 months totaling \$2376 at 3.99% APR Learn More

Available promotions

This item is available online only

Ship To Store

Standard Delivery Ships within 5 days

Standard Delivery to 54451 Ships within the next 5 days

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Appleton

700 Randolph Drive
Appleton, WI 54913
Phone: (920) 687-1111
Fax: (920) 687-1122

Milwaukee

12655 W. Silver Spring Rd
Butler, WI 53007
Phone: (262) 544-5404
Fax: (800) 261-0383

Account: City of Oconto Falls
Name: Wally Remic
Address: 500 N. Chestnut
Oconto Falls WI, 54154

Date: 11-13-2024 / OPP# 4987-1
Email: _____
Phone: (920) 846-4513
Note: _____

**** Sales Quotation ****

1. Camion Brine Equipment

- A. 250 Gallon T series Camion Brine Sprayer
- B. Electric 12V high flow system
- C. Standard controls
- D. 12 nozzle, double bar boom high volume spray bar
- E. 22" Folding boom mount
- F. Baffle Balls
- G. 100' Hose reel and spray gun
- H. Storm Commander GPS flow controller
- I. Installed and complete

Total: \$19,835.00
Deposit Required: \$4,959.00

Estimated Chassis Arrival Date: _____

Estimated Equipment Arrival Date: 6 Weeks from Deposit

All Sales Tax and FET Tax will be added

Submitted by: **Sam Stein**

Quote firm 30 days

Terms: Net 30

Unless previously arranged, for quotes in excess of \$5,000.00 Casper's requests 25% payment upon approval / purchase order.

By signing below, I agree that I have read, understood, and will comply with the terms of this quote.

Quote accepted by: _____

Title: _____

Date Accepted: _____

PO# _____

Thank You for the opportunity to submit our quote for your consideration



Appleton 700 Randolph Drive Appleton, WI 54913 Phone: (920) 687-1111 Fax: (920) 687-1122	Milwaukee 12655 W. Silver Spring Rd Butler, WI 53007 Phone: (262) 544-5404 Fax: (800) 261-0383
---	---

Account: City of Oconto Falls
 Name: Wally Remic
 Address: 500 N. Chestnut
Oconto Falls WI, 54154

Date: 11-13-2024 / OPP# 4987-1 #2
 Email: _____
 Phone: (920) 846-4513
 Note: _____

**** Sales Quotation ****

1. Camion THV0600 Storage Tank

- A. 6,500 actual gallons each
- B. 1.9 specific gravity tank
- C. High Density Gray Polyethylene with U.V. inhibitors
- D. Two Stainless Steel Bolted bungs for leak free install
- E. Bungs offset 45 degrees from each other
- F. 16" manway with vented cover
- G. Molded horizontal ribs to prevent deforming over time
- H. Size: 110"D X 179"H
- I. Weight 1,430 LBS
- J. Bulkheads only no fittings
- K. Visual sight gauge tube
- L. 10 year warranty
- M. Flat bottom dome top
- N. Tie down points
- O. 3" male pipe to 3" camlock ball valve
- P. 3" cap
- Q. 3" to 2" reducer bushing
- R. 2" male pipe to male camlock ball valve
- S. 2" female cap
- T. Furnish only

Total: \$12,100.00
Deposit Required: \$3,025.00

Estimated Chassis Arrival Date: N/A

Estimated Equipment Arrival Date: 8 Weeks from Deposit

Submitted by: Sam Stein All Sales Tax and FET Tax will be added
 Quote firm 30 days Terms: Net 30

Unless previously arranged, for quotes in excess of \$5,000.00 Casper's requests 25% payment upon approval / purchase order.

By signing below, I agree that I have read, understood, and will comply with the terms of this quote.

Quote accepted by: _____

Title: _____ Date Accepted: _____ PO# _____

Thank You for the opportunity to submit our quote for your consideration

**CITY OF OCONTO FALLS
RESOLUTION 25-01**

A RESOLUTION AUTHORIZING SALARY INCREASES FOR EMPLOYEES

WHEREAS; the City of Oconto Falls is a municipal corporation under the laws of the State of Wisconsin; and

WHEREAS; the City of Oconto Falls recognizes the hard work that all its employees do every day; and

WHEREAS; the City has specific employment positions that are exempt from bargaining unit contracts; and

NOW THEREFORE, BE IT RESOLVED; by the City of Oconto Falls Common Council that it hereby acknowledges the following positions for a 3% salary increase:

City Administrator
Deputy Clerk
Deputy Treasurer
Fire Chief
Municipal Judge
Cleaning Personnel

Street Superintendent
Street Department Personnel
Recycling Center Personnel
Building Inspector
Court Clerk
Police Chief

BE IT FURTHER RESOLVED; by the City of Oconto Falls Common Council that it hereby acknowledges the Police Chief wage change is separate agreement from the above listed employees.

HEREBY AUTHORIZES; the City Administrator to make the necessary changes to the above employees' salaries for fiscal year 2025.

Dated this 14TH day of January, 2025

OFFERED BY COUNCIL PERSON:
SECONDED BY COUNCIL PERSON:
AYES: NAYS: ABSENT:

ATTEST: _____
Clint Braun
Mayor

Peter A. Wills
City Administrator

CERTIFICATION

IN WITNESS WHEREOF, I certify that this is a true and accurate copy of Resolution No. 25-01 adopted by the Common Council on January 14, 2025.

Date of Publication: Oconto County Times Herald on January 24, 2025

Attest: _____

Jenny Friedman Deputy Clerk

SEWER USER CHARGE SYSTEM

City of Oconto Falls, Wisconsin

INTRODUCTION

This methodology is to be utilized by the City of Oconto Falls to determine the minimum monthly billing per customer and the variable unit cost for sewer use.

User charges shall be reviewed and updated no less than biennially (every two years). If sewer use rates are to be revised more frequently (for example, annually or quarterly), the same methodology can be utilized at any time.

It will be necessary for the City to utilize the actual values each time the sewer use rates are determined for the following:

- (1) Capital Costs, including Debt Retirement
- (2) Operation and Maintenance (O & M) Costs
- (3) Replacement Costs
- (4) Number of Sewer Customers and Meters (number of each size)
- (5) Volume Water Discharge to Sanitary Sewer

While the capital costs should change only slightly with time, other costs and customer use characteristics may vary considerably at each review. The unit costs for waste loads must be determined if wastewater is received from high strength dischargers that has higher concentrations than domestic wastewater. The domestic strength wastewater characteristics based on year 2023 wastewater treatment plant (WWTP) influent loadings are 429 milligrams per liter (mg/l) for biochemical oxygen demand (BOD₅) and 434 mg/l for suspended solids.

DESCRIPTION OF CAPITAL PROJECTS

The City of Oconto Falls is currently paying principal and interest payments for three Clean Water fund (CWF) projects and one project funded by a General Obligation Promissory Note.

A CWF loan was obtained for collection system improvements in 2006. The annual debt retirement cost is \$46,700. The loan will expire in 2025.

A CWF loan was obtained for wastewater treatment plant (WWTP) improvements in 2012. The annual debt retirement cost is \$503,200. The loan will expire in 2031.

A CWF loan was obtained for the sanitary sewer portion of the STH '22' Utility Improvements project in 2014. The annual debt retirement cost is \$103,400. The loan will expire in 2034.

A G.O. Promissory Note was used to finance the sanitary sewer work on Oakland Avenue. The annual debt retirement cost is \$45,000.

A CWF loan will be obtained for the sanitary sewer work on Columbia Street. It is expected that a low interest rate loan (1.32% for 19-20 years) for the \$700,000 project will be obtained within the next two years. The annual debt retirement cost is estimated to be \$42,000.

METHODOLOGY OF DISTRIBUTING USER CHARGES

The fixed charges include existing debt retirement costs and compensated absences costs. The principal and interest payments and compensated absences costs will be covered by revenue from the user charge system. The O & M costs that include items such as labor, power, chemicals, maintenance, and administration will be recovered from all users with a volume charge.

FIXED COSTS

The fixed monthly charge will provide revenue for the debt retirement costs and compensated absences cost presented in Table 1.

Table 1 Fixed Debt Retirement Costs

Item	Annual Cost, dollars
Collection System Improvements CWF Debt Retirement	46,700
WWTP Improvements CWF Debt Retirement	503,200
STH '22' Utility Improvements Debt Retirement	103,400
Collection System G.O. Note Debt Retirement	45,000
Future Columbia Street CWF Debt Retirement	42,000
Compensated Absences Costs	22,000
TOTAL	\$762,300

The annual fixed cost of \$762,300 will be allocated to each sewer user as a fixed charge for each water meter size in service that measures water use discharged to the sanitary sewer. In 2024 the City has 1,205 ¾-inch meters, forty-one 1-inch meters, twenty-nine 1½-inch meters, twenty 2-inch meters, three 3-inch meters, four 4-inch meters, and fixed charges to ST Paper and OEC. A user charge factor was established for each meter size, ST Paper and OEC. A ¾-inch meter is considered to be 1.0 user charge meter equivalent (UCME). A summary of the UCMEs in the City is presented in Table 2. There are 1,759.18 UCMEs in the City of Oconto Falls.

Table 2 Summary of User Charge Meter Equivalents and Fixed Charge Calculation

Meter Size, in.	Number	User Charge Factor	Total Meter Equivalents
¾	1,205	1.0	1,205.0
1	41	2.5	102.5
1¼	0	3.7	0.0
1½	29	5.0	145.0
2	20	8.0	160.0
3	3	12.5	37.5
4	4	25.0	100.0
6	0	50.0	0.0
ST Paper	2	--	5.43
OEC	1	--	3.75
TOTAL	1,305		1,759.18

The annual fixed cost and number of UCMEs were used to determine the minimum monthly charge. The fixed charge per UCME was determined by dividing the fixed cost by the number of UCMEs. The fixed monthly charge is calculated as follows:

$$\begin{aligned} \text{Fixed Monthly Charge} &= \$762,300 \div 1,759.18 \text{ UCMEs} \div 12 \text{ months} \\ &= \$36.12/\text{UCME}/\text{month} \end{aligned}$$

The monthly charge for a $\frac{3}{4}$ -inch meter is estimated to be \$36.12. The City of Oconto Falls will continue to use the current monthly charge of \$37.50. The monthly charge for larger meters is estimated based on the user charge factor and base monthly charge of \$37.50. A summary of the fixed charge revenues is presented in Table 3.

Table 3 Summary of Fixed Charge Revenues

Meter Size, in.	Number	Monthly Charge	Annual Charge	Total Annual Fixed Charges
$\frac{3}{4}$	1,205	\$37.50	\$450.00	\$542,250.00
1	41	\$93.75	\$1,125.00	\$46,125.00
$1\frac{1}{4}$	0	\$138.75	\$1,665.00	\$ 0.00
$1\frac{1}{2}$	29	\$187.50	\$2,250.00	\$65,250.00
2	20	\$300.00	\$3,600.00	\$72,000.00
3	3	\$468.75	\$5,625.00	\$16,875.00
4	4	\$937.50	\$11,250.00	\$45,000.00
6	0	\$1,875.00	\$22,500.00	\$ 0.00
ST Paper	2	\$203.63	\$2,443.50	\$2,443.50
OEC	1	\$140.63	\$1,687.50	\$1,687.50
TOTAL				\$791,631.00

VOLUME CHARGE

The volume charge includes the annual O & M costs and replacement fund costs for the wastewater management system including sanitary sewers, sewage lift stations, and WWTP. The volume charge will be paid by each user of the system in proportion to their water usage (discharged to sewer). The annual O & M costs anticipated in the year 2025 is estimated to be \$463,900 based on the 2024 Sewage Disposal Budget. A summary of the annual O & M costs is presented in Table 4. The annual replacement fund deposit costs are \$74,900. (Increase of \$1,500.00 for Columbia Street SLS.) A summary of the annual replacement costs is presented in Table 5. The total annual cost to recover from volume charges is estimated to be \$538,800. The volume of water used in the year 2023 that was discharged to the sanitary sewer by residential, commercial, industrial, and public sewer users was 62.581 million gallons. The volume charge per 1,000 gallons was calculated by dividing the annual O & M costs of \$538,800 by the volume discharged to the sanitary sewer system (62.581 million gallons). The volume charge was calculated to be \$8.61/1,000 gallons.

SUMMARY OF USER CHARGES

The existing fixed monthly charge for $\frac{3}{4}$ -inch meters is \$37.50 and the existing volume charge is \$7.33 per 1,000 gallons (\$0.05482 per cubic foot).

The fixed charge for a $\frac{3}{4}$ -inch meter will remain \$37.50 per month. The volume charge is estimated to be increased to \$8.61 per 1,000 gallons (\$0.06440 per cubic foot).

A summary of the existing and proposed user charges for a typical residential sewer user is presented in Table 6. The annual user charge for a residential sewer user that discharges 36,900 gallons per year (average usage in 2023) will be increased from \$720.48 to \$767.71 which is a 6.56 percent increase in charges.

Table 4 Summary of Annual O & M Costs

Item	Annual Cost, Dollars
Operation	
Communications	2,000
Supervision and Labor	33,000
Utilities	68,250
Phosphorus Removal Chemicals	27,000
Sludge Hauling & Disposal	22,000
Operation Improvements – SCADA and metering	10,000
Other General Equipment	5,500
Other Operating Supplies & Expenses	10,000
Miscellaneous Supplies	12,500
Transportation	3,500
Maintenance	
Sewage Collection System	56,000
Pumping Equipment	4,800
Treatment and Disposal Plant Equipment	29,750
General Plant Structures and Equipment	16,200
Vehicle Repair	2,500
Customer Accounts	
Accounting and Collecting	29,100
Administrative and General	
Salaries	37,500
Office Supplies & Equipment	1,500
Insurance	18,500
Employees Pensions and Benefits	58,050
Miscellaneous	10,250
Regulatory Commission Expenses	1,500
Safety	1,500
Training and School	3,000
TOTAL	463,900

Table 5 Summary of Annual Replacement Fund Costs

Equipment	Purchase Date	Service Life	Purchase Cost, Dollars	Annual Fund Deposit, Dollars
Sewage Lift Stations				
West Highland Drive SLS	1994	20	30,000	1,500
Mead Avenue SLS	1996	20	30,000	1,500
East Highland Drive SLS	2001	20	30,000	1,500
Columbia Street SLS	2025	20	30,000	1,500
Subtotal			120,000	6,000
Wastewater Treatment Plant				
Fine Screen	2012	20	134,000	6,700
Grit Removal System	2012	20	206,000	10,300
Sampling Equipment	2012	10	12,000	1,200
Clarigester Equipment	2012	20	128,000	6,400
Trickling Filter Recirculation Pumps	2012	20	37,000	1,900
Trickling Filter Distributors	2012	20	96,000	4,800
Solids Contact Tank Aeration Equipment	2012	20	40,000	2,000
Solids Contact Clarifier Scum Pump	1997	10	3,500	400
Solids Contact Clarifier Equipment	2012	20	28,000	1,400
Sludge Recycle Pumps	2012	20	37,000	1,900
Waste Secondary Sludge Pump	2012	20	44,000	2,200
PRC Feed Equipment	2012	20	12,000	600
UV Disinfection System	2012	20	141,000	7,100
Sludge Transfer Pumps	2012	20	53,000	2,700
Sludge Storage Tank Sludge Removal Mechanism	2012	20	146,000	7,300
Sludge Loadout Pumps	2012	20	35,000	1,800
Flow Metering Equipment	2012	10	30,000	3,000
Engine Generator	2012	20	44,000	2,200
HVAC Equipment	2012	20	100,000	5,000
Subtotal			1,326,500	68,900
TOTAL			1,446,500	74,900

Table 6 Example of Typical Annual Residential User Charge

<u>EXISTING</u>	
Fixed Charge (¾-inch meter)	\$ 450.00
Volume Charge	
36,900 gal/yr x \$7.33/1,000	<u>\$ 270.48</u>
TOTAL	<u>\$ 720.48</u>
	(\$60.04/month)
<u>PROPOSED</u>	
Fixed Charge (¾-inch meter)	\$ 450.00
Volume Charge	
36,900 gal/yr x \$8.61/1,000	<u>\$ 317.71</u>
TOTAL	<u>\$ 767.71</u>
	(\$63.98/month)

Calculation of Surcharge Unit Costs

Parameter	2023 Loading, lbs/yr	O & M Costs		Replacement Fund		Construction Cost		Total, \$/lb
		Annual Cost	\$/lb	Annual Cost	\$/lb	Annual Cost	\$/lb	
BOD ₅	224,146	\$126,325	0.56	\$17,772	0.08	\$125,715	0.56	1.20
Suspended Solids	226,842	\$85,050	0.37	\$14,718	0.07	\$155,921	0.69	1.13
Phosphorus	5,219	\$45,375	8.70	\$3,050	0.59	\$25,738	4.93	14.22

Note: Phosphorus estimated to be 10 mg/l. Loading = 10mg/l x 62.581 mg x 8.34 = 5,219 lbs.

ALLOCATION OF ANNUAL OPERATION AND MAINTENANCE COSTS

Item	Cost, Dollars	Volume		BOD5		Suspended Solids		Phosphorus	
		%	Amount	%	Amount	%	Amount	%	Amount
Operation									
Communications	2,000	40	800	30	600	25	500	5	100
Supervision and Labor	33,000	40	13,200	30	9,900	25	8,250	5	1,650
Utilities	68,250	20	13,650	60	40,950	15	10,240	5	3,410
Phosphorus Removal Chemicals	27,000							100	27,000
Sludge Hauling & Disposal	22,000	0		40	8,800	50	11,000	10	2,200
Operation Improvements – SCADA and metering	10,000	40	4,000	30	3,000	25	2,500	5	500
Other General Equipment	5,500	40	2,200	30	1,650	25	1,375	5	275
Other Operating Supplies and Expenses	10,000	40	4,000	30	3,000	25	2,500	5	500
Miscellaneous Supplies	12,500	40	5,000	30	3,750	25	3,125	5	625
Transportation	3,500	40	1,400	30	1,050	25	875	5	175
Maintenance									
Collection System	56,000	100	56,000						
Pumping Equipment	4,800	100	4,800						
Treatment and Disposal Plant Equipment	29,750	40	11,900	30	8,925	25	7,440	5	1,485
General Plant Structures and Equipment	16,200	40	6,480	30	4,860	25	4,050	5	810
Vehicle Repair	2,500	40	1,000	30	750	25	625	5	125
Customer Accounts									
Accounting and Collecting	29,100	100	29,100						
Administrative and General									
Salaries	37,500	40	15,000	30	11,250	25	9,375	5	1,875
Office Supplies & Equipment	1,500	100	1,500						
Insurance	18,500	40	7,400	30	5,550	25	4,625	5	925
Employees Pensions and Benefits	58,050	40	23,220	30	17,415	25	14,510	5	2,905
Miscellaneous	10,250	40	4,100	30	3,075	25	2,560	5	515
Regulatory Commission Expenses	1,500	40	600	30	450	25	375	5	75
Safety	1,500	40	600	30	450	25	375	5	75
Training and School	3,000	40	1,200	30	900	25	750	5	150
TOTAL	463,900		207,150		126,325		85,050		45,375

ALLOCATION OF ANNUAL REPLACEMENT FUND DEPOSITS

Item	Annual Deposit	Volume		BOD5		Suspended Solids		Phosphorus	
		%	Amount	%	Amount	%	Amount	%	Amount
Sewage Lift Stations									
West Highland Drive SLS	1,500	100	1,500						
Mead Avenue SLS	1,500	100	1,500						
East Highland Drive SLS	1,500	100	1,500						
Columbia Street SLS	1,500	100	1,500						
Subtotal	6,000		6,000						
Wastewater Treatment Plant									
Fine Screen	6,700	100	6,700						
Grit Removal System	10,300	100	10,300						
Sampling Equipment	1,200	40	480	40	480	15	180	5	60
Clarigester Equipment	6,400	40	2,560	20	1,280	30	1,920	10	640
Trickling Filter Recirculation Pumps	1,900			100	1,900				
Trickling Filter Distributors	4,800			100	4,800				
Solids Contact Tank Aeration Equipment	2,000	50	1,000	50	1,000				
Solids Contact Clarifier Scum Pump	400	50	200	50	200				
Solids Contact Clarifier Equipment	1,400	40	560	40	560	15	210	5	70
Sludge Recycle Pumps	1,900	20	380	28	532	42	798	10	190
Waste Secondary Sludge Pump	2,200			21	462	72	1,584	7	154
PRC Feed Equipment	600							100	600
UV Disinfection System	7,100	100	7,100						0
Sludge Transfer Pumps	2,700			21	567	72	1,944	7	189
Sludge Storage Tank Sludge Removal Mechanism	7,300			21	1,533	72	5,256	7	511
Sludge Loadout Pumps	1,800			21	378	72	1,296	7	126
Flow Metering Equipment	3,000	40	1,200	40	1,200	15	450	5	150
Engine Generator	2,200	40	880	40	880	15	330	5	110
HVAC Equipment	5,000	40	2,000	40	2,000	15	750	5	250
Subtotal	68,900		33,360		17,772		14,718		3,050
TOTAL	74,900		39,360		17,772		14,718		3,050

ALLOCATION OF CONSTRUCTION COSTS

Item	Cost, Dollars	Volume		BOD5		Suspended Solids		Phosphorus	
		%	Amount	%	Amount	%	Amount	%	Amount
Preliminary Treatment Facilities	943,100	100	943,100		0		0		0
Influent Sampler and Flow Meter	12,700	100	12,700		0		0		0
Primary Clarifier/Clarigester	165,300	40	66,120	20	33,060	30	49,590	10	16,530
Trickling Filters	668,700		0	100	668,700		0		0
Trickling Filter Recirculation Pump System	220,000		0	100	220,000		0		0
Solids Contact Tank Aeration Blowers	75,200	50	37,600	50	37,600		0		0
Solids Contact Clarifier Renovation	200,800	40	80,320	30	60,240	20	40,160	10	20,080
Sludge Recycle Pump System	124,700	20	24,940	28	34,916	42	52,374	10	12,470
PRC Recirculating and Metering Pumps	16,700		0		0		0	100	16,700
UV Disinfection System	335,300	100	335,300		0		0		0
Sludge Management System			0		0		0		0
Digested Sludge Pipeline	1,200		0	21	252	72	864	7	84
Sludge Transfer Pump Station	356,700		0	21	74,907	72	256,824	7	24,969
Digested Sludge Transfer Pipeline	21,400		0	21	4,494	72	15,408	7	1,498
Sludge Storage Tank	985,800		0	21	207,018	72	709,776	7	69,006
Sludge Loading Station	985,800		0	21	207,018	72	709,776	7	69,006
Decant/Drain Pipeline	17,800		0	21	3,738	72	12,816	7	1,246
Process Piping Improvement	55,700	40	22,280	20	11,140	30	16,710	10	5,570
Engine Generator	98,100	40	39,240	20	19,620	30	29,430	10	9,810
Motor Control Centers and Wiring	341,100	40	136,440	20	68,220	30	102,330	10	34,110
Service Building Improvements	65,600	40	26,240	20	13,120	30	19,680	10	6,560
RS/WS Pump Building	41,900	20	8,380	28	11,732	42	17,598	10	4,190
HVAC Improvements	248,900	40	99,560	20	49,780	30	74,670	10	24,890
Plumbing Improvements	68,700	40	27,480	20	13,740	30	20,610	10	6,870
Access Road Improvements	299,100	40	119,640	20	59,820	30	89,730	10	29,910
Sidewalk	12,400	40	4,960	20	2,480	30	3,720	10	1,240
Sanitary Sewer	67,700	100	67,700		0		0		0
Water Main	63,600	40	25,440	20	12,720	30	19,080	10	6,360
Storm Sewer	132,700	40	53,080	20	26,540	30	39,810	10	13,270
Landscaping	42,600	40	17,040	20	8,520	30	12,780	10	4,260
TOTAL	6,669,300		2,147,560		1,849,375		2,293,736		378,629