CWS MicroServer Firmware Release Notes 2026

MicroServer Firmware Version 4.2.15082

Released 12/16/2025 [Mark 3]

- Support for HTTPS Web Server
- Support for HTTPS upload to CWS Cloud Server
- Support for CWS Cloud Server account auto-registration
- Support for Specific Enthalpy [Pulsar Sensor Only]
- Support for Tipping Bucket with 0.2mm/tip input [0.0078 inches]
- Support for 3D Wind Sensor
- Support for watchdog to reboot unit if it is not accessible
- Support for Thermal Work Limit parameter (TWL)
- Support for Additional SNMPv3 secure connection protocols:

Authentication Algorithm:
SHA
SHA-512
SHA-384
SHA-256
SHA-224
MD5

Encryption Algorithm:
DES
AES
AES-128

Security Improvements

Removed unused features & unused code
Updated PHP [version 8.3.28]
Updated nginx [version 1.29.3]

Bug Fixes

Fixed a bug for DHCP
Fixed a bug for Magellan MX UTC timestamp not recording in the log files
Fixed a bug for SD Boot not booting to Recovery Mode
Fix for Modbus crashing
Fix for BACnet restarting and points not lining up with Analog Inputs
Fix for Serial Number lost after factory reset
Fixed Wet Bulb Globe Temperature Derived Measurement; replaced Relative Humidity with Wet Bulb Temp as a dependency.