PARADOX

WV2M

Wireless Electronic Water Valve

Smart Protection for Water leaks and Water Damage

Description

The WV2M is a wireless electronic water valve engineered for water flow management. It provides remote control and operational feedback through a secure, two-way communication protocol with the Paradox M system. Built to withstand demanding conditions, the valve's robust stainless-steel construction makes it suitable for outdoor, industrial, or marine environments. Combined with the Paradox WD2M water detector, it is your line of defense against costly leak damage.

The WV2M valve provides dependable operation and clear system feedback. It runs automatic safety checks every two weeks of inactivity to prevent sticking and malfunction, and its real-time monitoring indicates valve open or closed status. An integrated manual override and visual position indicator ensure reliable use, even during loss of communication with the head unit. The WV2M can be set to follow system events, such as closing the water supply when the system is armed, or according to schedules. When activated by a WD2M water detector, the valve will close and remain closed until manually opened by the user through BlueEye.

With up to six years of battery life and 4,000 opening/closing cycles, flexible setup for events, schedules, and when paired with the WD2M, the WV2M is an easy, flexible solution for preventing extensive water damage.

Features

- Over six years of battery life (with typical use)
- Stainless steel SS304 body and a floating ball for durable, leak-resistant operation
- IP65 for wireless control unit, IP67 for valve
- Manual override and visual position indicator
- Automated test cycles activate after two weeks of inactivity to prevent sticking or valve malfunction
- Magnet based first time activation
- Real-time monitoring of valve position and performance insights (battery, signal, temperature, position)
- Controlled by WD2M, schedules or system events
- Controlled and automated via BlueEye app
- Available in four standard sizes
- Easy installation – no wiring needed
- Over the air firmware upgrades

Specifications

Wireless Type	GFSK two-way with frequency and encryption hopping
RF Frequency	868 (865.05 - 867.95) MHz or 914 (902.25 - 927.55) MHz May vary by region
RF Power	868 MHz up to +14 dBm radiated, 914 MHz up to +22 dBm in permitted countries
Humidity Range	Up to 95%
Transmission Time	Less than 20 ms
Supervision Time	20 minutes, 10 minutes (default), and 3 minutes
Status Indicators	Battery, temperature, TX/RX values, Open, Close
Battery	2 x ER17335 6+ years battery life
Installation Environment	Indoor / Outdoor
Firmware Upgrade	Remotely over the air, via BlueEye
Operating Temperature	-20°C to 45°C (-4°F to 113°F)
Auto Learn	Yes
Colors	Black
Dimensions	7.7W x 11.2H x 9D cm (3" W x 4.4" H x 3.5" D)
Certification	CE, FCC 15.247