

PARADOX

WD2M

Water Detector

Your First Line of Defense Against Water Damage



Description

The WD2M is a wireless water detector designed to safeguard homes, businesses, and critical facilities from costly water damage. By sensing the first signs of water, the WD2M provides instant alerts, ensuring a fast response whether you are at home or away, and helping prevent water damage. With its compact design, it can be placed seamlessly anywhere water leaks might occur.

Gold-plated sensors are integrated into the WD2M for long-lasting operation. The ease of configuration and remote upgrades through the BlueEye application enhances usability. When combined with the WV2M wireless electronic water valve, the system provides automated leak response capabilities by detecting water presence and immediately shutting off the water supply to prevent damage.

With the WD2M, you gain more than just a detector, you gain peace of mind with just a drop. It prevents damage before it happens and helps avoid expensive repairs. With magnet-activated first-time activation, the WD2M delivers over 10 years of operation before battery replacement is needed. Its robust design ensures long-term reliability, while the extended battery life allows it to be installed and trusted for years without maintenance. Whether protecting a family home, a business, or critical infrastructure, the WD2M delivers safety, security, and confidence in one small, powerful device.

Features

- ▶ Over 10 years of battery life
- ▶ IP67-rated (fully dust-tight and waterproof)
- ▶ Easy installation with magnetic bracket and magnet based first time activation
- ▶ Pairs with WV2M valve controller or M PGM for automatic shut-off protection
- ▶ Gold-plated sensors, corrosion-free, long-lasting detection
- ▶ Compact, tough, and sleek design
- ▶ Controlled and automated via BlueEye app
- ▶ Over the air firmware upgrades

Specifications

Detection	Water, Oil
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.
Transmission Time	Less than 20 ms
Supervision Time	20 minutes, 10 minutes (default), and 3 minutes
Status Indicators	Battery, temperature, TX/RX values
Battery	1 x ER17335 lithium battery 10+ years of battery life before replacement
Installation Environment	Indoor
Firmware Upgrade	Remotely over-the-air, via BlueEye
Operating Temperature	-30°C to 50°C (-22°F to 122°F)
Auto-learn	Yes
Colors	White and grey
Dimensions	6.5W x 5.3H x 2.2D cm (2.6" W x 2" H x 0.9" D)
Weight	77 g
Certification	CE, FCC 15.247

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