

# WLD-ECHO

A compact water leak detector for external sensing cables that detects water along their entire length, and even a few drops trigger an audible alarm and activate the relay output. Powered by 2×AA batteries or external power supply.



LED indicators for OK / Flood / Disconnected



Audible alarm



2× WLD zone input for sensing cables



Digital Output relay



External power supply



Battery operation

WLD-ECHO is a compact water leak detector supporting two external sensing cable zones. It detects even a few drops of conductive liquid anywhere along the sensing cable (up to 185 m) and provides early warning via a built-in audible alarm and relay output.

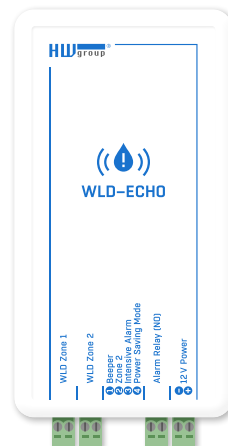
Powered by either 2× AA batteries or an external power supply, WLD-ECHO offers flexible installation in data centers, server rooms, and other technical facilities.

Fast detection requires no standing water level, ensuring reliable long-term monitoring. The device also signals sensing cable disconnection or damage. Zone 2 can be disabled when not in use.

With its dry-contact relay output, WLD-ECHO can be easily integrated into security or monitoring systems.

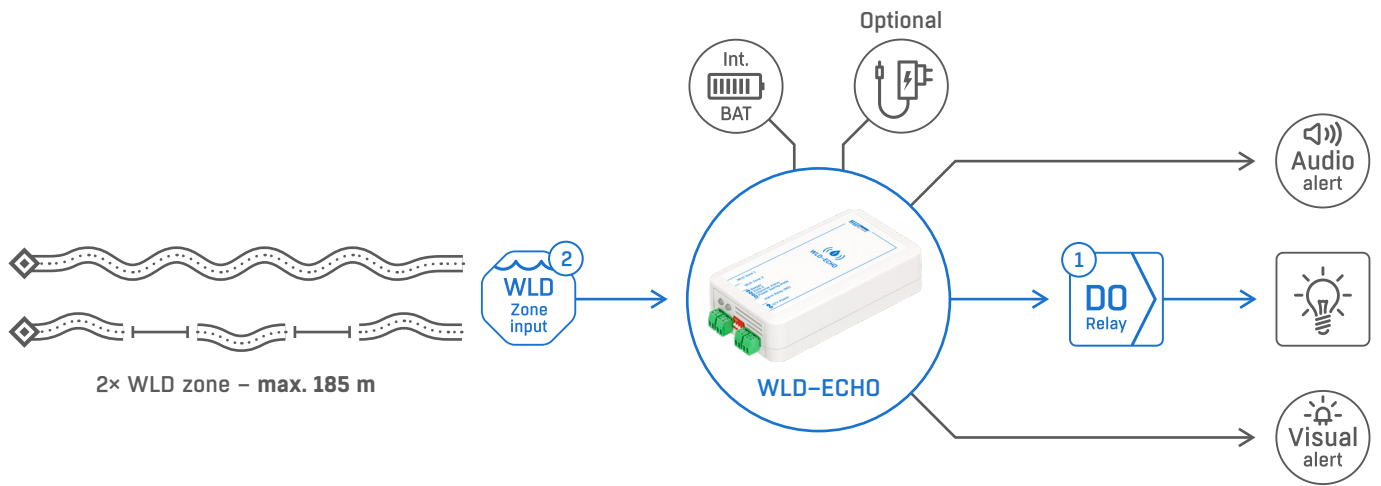
WLD liquid sensing (rope) cables provide continuous water leakage detection along their entire length. Water sensing cables cover larger areas and react much faster, even to just a few drops of water. However, water sensing cables require more careful installation.

WLD-Sensing cable A/B



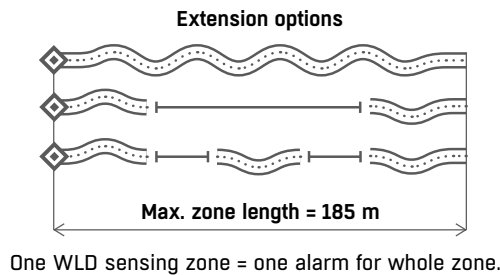
Alarm system





### Water Leak Detection (WLD) along the entire sensing cable length

- Terminator**  
Has to be at the end of each WLD sensing cable.
- WLD-Sensing cable A/B**
- Extension cable (Non-sensing)**



**WLD-Sensing cable A**  
2 m / 10 m / 50 m  
Water detection along the entire cable length.



**WLD-Sensing cable B**  
2 m / 5 m / 10 m / 50 m  
Water detection along the entire cable length.

### Typical applications

- Liquid detection in buildings / technical sites
- Installation along walls and steps to protect rooms or entire floors
- Monitoring water leaks outside bathrooms in hotels
- Data centers – leak detection under raised floors and above suspended ceilings
- Server rooms / IT racks – early warning for leaks around cooling units and cable trays
- HVAC systems – monitoring leaks from A/C units, chillers, and condensation pipes
- Boiler rooms – detection of leaks from boilers, pumps, and valves
- Building basements – early detection of flooding or groundwater ingress
- Industrial facilities – monitoring around pipelines, tanks, and production lines
- Commercial buildings – installation along walls and floors to protect offices and common areas
- Hotels – monitoring bathrooms, corridors, and technical areas to prevent water damage
- Hospitals and labs – protection of sensitive areas with critical equipment

### Interfaces

WLD	2 zone for external WLD-Sensing cable A/B
DO (Digital Outputs)	1x DO latching relay (25 V / 0.5 A)

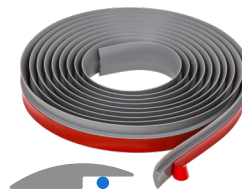
### Features

Alerts	Audio, Visual LED
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### Technical Specifications

Power supply	5-30 VDC (12 V DC nominal), typ. 20 mA, 2x AA batteries
Operating temperature	-10 °C to 60 °C (14 °F to 140 °F)
Storage temperature	-30 °C to 60 °C (-22 °F to 140 °F)
Dimensions	76 × 35 × 144 mm (W × H × D)
Warranty	24 months

### Accessories



**WLD-Cover Strip 5m**  
Protective cover strip for WLD-Sensing cable A/B.



**WLD-Poro Tape 5m**  
Adhesive tape with holes for mounting WLD-Sensing cable A/B.