

IO Device & Water Detector

The DET-2R-IO is a radio-operated device that provides one wired zone input (typically used as a flood detector) and one wired output. It features encrypted, bidirectional Scantronic Secure Radio (SSR), which accelerates response times and extends battery life, giving homeowners peace of mind.



When used as a flood detector, the DET-2R-IO will send a warning to the control panel when identifying the presence of liquid at a chosen location. Its wireless capability means you can be flexible in choosing any environment, including basements or adjacent to washing machines. It can be programmed to set a warning on detecting water or on becoming dry.

Modes:

- **Universal wired input**
Connect any wired device to the DET-2R-IO so that it can communicate back to the panel via radio.
- **Wired output**
Gain simple control of wired systems; for example, a light can be configured to turn on/off whenever a system is set/unset.
- **Water detector**
Automatically notify the control panel when moisture levels change.

At a glance:

- Early detection, minimising damage and costs
- Multi-functional device
- Grade 2

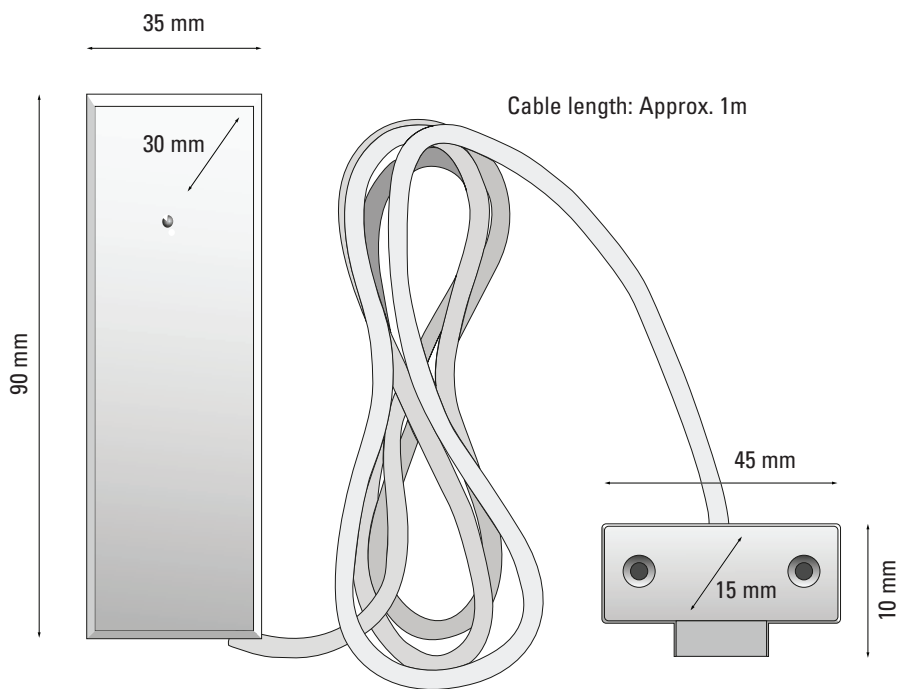


Powering Business Worldwide

Scantronic product data sheet

Product specification

Product code	DET-2R-IO
Weight	Approx. 60g
Battery	3V CR2 lithium battery
Typical battery life	Up to 2 years
Environmental class	2
Security grade	2
Compliance with EU Radio Equipment Directive (RED)	Compliant
Operating Frequency	868-868.5MHz (SSR mode) 868.6625MHz (Legacy mode)
Tamper	Yes
Humidity	up to 95%
Operating temperature	-10°C to 55°C
Current	30µA quiescent; 25mA max
Output	Open collector transistor, 15Vdc, 50mA max
Range	700m in free space
Dimensions (LxWxD)	Transmitter: 90 x 35 x 30mm Sensor: 45 x 10 x 15mm



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