

TWLS-9ZBS Temperature & Water Leakage Alarm Sensor Series



The TWLS-9ZBS Series is wireless multifunctional ZigBee sensor aimed to monitor home environment of water leakage, temperature, and/or humidity. When water is detected, the TWLS-9ZBS Series will transmit an alarm report signal to the control panel and the user will immediately receive alerts. When the temperature and/or humidity fluctuate to unsafe or undesirable levels, users will receive immediate notification. Ideally suited for climate sensitive areas in your home or business, including wine cellars, collection rooms, greenhouse, kitchen, bathroom, basement and more to increase comfort level and protect valuables.

For those hard-to-reach spots, extension water probe cables and water sensing cables can be added-on to further increase monitoring areas. The TWLS-9ZBS wireless and lightweight size allows for easy and flexible installation and regular supervisory signals to ensure system integrity to provide a peace of mind. The TWLS-9ZBS series is compatible with other manufacturers' ZigBee systems and can be integrated into new or existing ZigBee systems, to make user's home a safer, more comfortable place to live.

Features

- Monitors home environment for water leakage, surrounding temperature and/or humidity
- Alarm signal will immediately be transmitted when water is detected
- Detects temperature from -10° to 45°C (14°F to 113°F)
- Built-in temperature sensor transmits notification when the temperature fluctuates by +/-2°C (+/-3°F) degrees
- Detects humidity range from 0 to 100% RH (THWLS-9ZBS only)
- Built-in humidity sensor transmits notification when the humidity fluctuates by 10%RH (THWLS-9ZBS only)
- Optional additional extension water probe cables and water sensing cables for hard-to-reach areas and increase monitoring areas
- Tamper protection prevents unauthorized removal
- Low battery detection
- LED indicator
- Regular supervisory signals ensure proper operation
- Compatible with other manufacturer's ZigBee system
- Ideal for security and home automation usage

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Specifications

TWLS-9ZBS

Communication Protocol	ZigBee Pro Home Automation 1.2
Frequency	2.4 GHz
Power Source	3V, CR123 Lithium battery x 1
Battery Life	4.5 years*
Temperature Detection Range	-10°C to 45°C (14°F to 113°F)
Water Probe Cable Length	30 cm
Sensitivity	±1°C (1.8°F)
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	103 mm x 31 mm x 21 mm

* Note: Actual battery life may vary with product settings, operating environment and usage.

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Optional Water Probe Extension Cables



WPEC-FH
Water Probe Extension
Cable - Flat Head



WPEC-1TO4
Water Probe Extension
Cable 1-TO-4



WPEC-170
Water Probe Extension
Cable 170cm

Optional Water Sensing Cable



WSC-120-P
Water Sensing Cable (pin)
120cm

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Ordering Information

TWLS-9ZBS	Temperature and Water Leakage Alarm Sensor
THWLS-9ZBS	Temperature, Humidity and Water Leakage Alarm Sensor