

TSO-9-ZW Temperature Sensor

Intelligent Temperature Control



TSO-9-ZW is a Z-Wave wireless temperature sensor that monitors the temperature of your surrounding environment. It features an external temperature probe that enables users to monitor specific areas with more flexibility and accuracy.

TSO-9-ZW detects temperature from -30°C to 100°C , and continuously reports temperature condition to the Z-Wave controller. It also sends notification when the temperature fluctuates by $\pm 2^{\circ}\text{C}$.

TSO-9-ZW is lightweight in size and can be installed almost anywhere. In addition, it sends regular supervisory signals to ensure system integrity. It is also compatible with other manufacturer's Z-Wave controllers.

TSO-9-ZW offers a reliable and flexible way to monitor home environment and enables users to adjust home appliances accordingly for a more pleasant living space.

Features

- Excellent stability with high sensitivity
- Two-pin terminal to connect external temperature sensor
- Detects temperature from -30°C to 100°C (-22°F to 212°F)
- Transmits notification when the temperature fluctuates by $\pm 2^{\circ}\text{C}$ ($\pm 3^{\circ}\text{F}$)
- Continuously transmits temperature signal to the gateway
- Over-the-Air firmware update feature
- Z-Wave S2 Security
- LED indicator
- Regular supervisory signals to check system integrity
- Compatible with other's Z-Wave systems
- Designed for residential and commercial security applications
- Tamper protection to prevent sabotage
- Low battery detection

Specifications

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|------------------------|-------------------------------------------------------------------------------------------------|
| Communication Protocol | Z-Wave Plus 500 Series, S2 Security |
| Frequency | 868.40MHz (EU) / 908.40MHz (US) |
| Power Source | 3V, CR123 Lithium battery x1 |
| Battery Life | 3.5 years* |
| Sensitivity | $\pm 1^{\circ}\text{C}$ ($\pm 1.8^{\circ}\text{F}$) |
| Operating Temperature | -10°C to 45°C (14°F to 113°F) |
| Operating Humidity | Up to 85% non-condensing |
| Dimensions | 27mm x 25mm x 114mm |

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