

TAS-9 / TAS-9E Temperature Alarm Sensor

Intelligent Temperature Control



TAS-9E

TAS-9 is a wireless temperature alarm sensor, offering a smart solution to protect your properties and valuables by monitoring the temperature and receive immediate alerts if the climate fluctuates to unsafe or undesirable levels. In addition to the built-in temperature sensor in the TAS-9, the TAS-9E supports an external temperature probe, allowing users to monitor specific areas more precisely.

TAS-9 has four selectable temperature ranges for users to choose and will receive immediate alerts when the temperature exceeds the ranges. The TAS-9 acts as an early warning system and based on the information provided by the TAS-9, users can activate appliances accordingly to protect valuable items that are vulnerable to extreme temperature levels. Suitable for residential and commercial security and home automation applications.

Features

- Excellent stability with high sensitivity
- Two-pin terminal to connect external temperature sensor (TAS-9E only)
- Internal temperature sensor: triggers alerts when the temperature rise is greater than 35°C/24°C (95°F/75.2°F) and/or falls below 7°C (44.6°F) degrees
- External temperature sensor: triggers alerts when the temperature rise is greater than -12°C/6°C (10.4°F/42.8°F) and/or falls below 7°C (44.6°F) degrees
- Detects temperature from -10°C to 50°C (14°F to 122°F)
- Four selectable temperature change ranges for temperature alerts
- Low battery detection
- LED indicator
- Regular supervisory signals ensure device's proper operation
- Designed for residential and commercial security applications

Specifications

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|-----------------------|-------------------------------|
| Frequency | 433 MHz / 868 MHz |
| Power Source | 3V CR2 Lithium battery x 1 |
| Battery Life | Up to 4 years* |
| 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.

Ordering Information

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| TAS-9 | Temperature Alarm Sensor |
| TAS-9E | Temperature Alarm Sensor with additional external temperature probe |