

TS-29ZBS Temperature Sensor

Intelligent Temperature Control



TS-29ZBS is a ZigBee wireless temperature sensor that monitors the temperature of your surrounding environment. Detecting temperature from -10°C to 50°C , it reports temperature condition to the ZigBee gateway at regular intervals, and also sends notification when the temperature fluctuates by $\pm 2^{\circ}\text{C}$.

TS-29ZBS is lightweight in size and can be installed almost anywhere, with self-adhesive mounting. In addition, it sends regular supervisory signals to ensure system integrity. It is also compatible with other manufacturer's ZigBee systems, and can be integrated into a new or existing ZigBee system.

TS-29ZBS 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

- Temperature detection range from -10°C to 50°C (14°F to 122°F)
- Transmits notification when temperature fluctuates by $\pm 2^{\circ}\text{C}$
- Regular transmission of temperature signals at designated interval
- Excellent stability with high sensitivity
- Over-The-Air (OTA) firmware update capability (optional)
- Low battery detection
- LED indicator
- Compact and slim design
- Compatible with other manufacturer's ZigBee products

Specifications

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|------------------------|---|
| Communication Protocol | ZigBee 3.0 or ZigBee Pro Home Automation 1.2 |
| Frequency | 2.4 GHz |
| Power Source | 3V, CR2032 lithium battery x 1 |
| Battery Life | 1.2 years* |
| Sensitivity | $\pm 1^{\circ}\text{C}$ (1.8°F) |
| Operating Temperature | -10°C to 45°C (14°F to 113°F) |
| Operating Humidity | Up to 85% non-condensing |
| Dimensions | Diameter \varnothing 40 mm x 14 mm |

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