

TS-9ZBS Temperature Sensor

Intelligent Temperature Control



- Periodic transmission
- Excellent stability
- ZigBee Certified

TS-9ZBS is a ZigBee Certified 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-9ZBS is lightweight in size and can be installed almost anywhere, with self-adhesive mounting or screw 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 new or existing ZigBee systems.

TS-9ZBS 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 $\pm 2^{\circ}\text{C}$ ($\pm 3^{\circ}\text{F}$)
- 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: transmission indicator
- Compact and slim design
- ZigBee Certified product
- Compatible with other manufacturer's ZigBee products

Specifications

Communication Protocol	ZigBee Pro Home Automation 1.2
Frequency	2.4 GHz
Power Source	3V, CR123 Lithium battery x 1
Battery Life	10 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	27mm x 25mm x 114mm

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