

K15 Product Specification Document



Product Overview

The K15 is a Bluetooth wireless temperature sensor widely used for monitoring ambient temperatures in transportation, agriculture, logistics and other applications. Equipped with a high-capacity built-in battery, it requires no wiring and offers quick, easy installation.

The device features a built-in Bluetooth module that wirelessly transmits sensor-collected data to a receiver with a Bluetooth port or a GPS positioning terminal, with a maximum transmission range of up to 300 meters.

All sensor parameter settings are configured through the app, facilitating installation, debugging, and product maintenance.

product features

- Built-in Bluetooth communication module for wireless data transmission;
- Low-power BLE 5.0 design;
- parameters can be configured via the mobile application;
- IP65 protection rating;
- Built-in high-capacity battery for continuous use for up to 3 years;
- No wiring required, quick installation, and reduced installation costs.

Product Parameter

Product model	K15
Range	−40℃~+80℃
Output	Bluetooth Communication: BLE 5.0
Certainty of measurement	≤±1℃
Working voltage	DC3. 0~3. 6V
Battery capacity	2700 mA (available for 3 years)
Working temperature	−40℃~+80℃
Levels of protection	IP65
Main Material	ABS
Product size	80mm*40mm*20mm
Way to install	Self-tapping screw / 3M adhesive specifically designed for automotive electronics
Wireless Distance	300 m (under conditions without interference or obstacles)

product size

