



FT10

Temperature Sensor

The FT10 is a compact Bluetooth Low Energy (BLE) sensor designed for reliable remote temperature and humidity monitoring. It transmits high-precision data with ultra-low power consumption, enabling long battery life. Ideal for cold chain logistics, smart agriculture, and medical storage.



Applications



Cold Chain



Biopharmaceuticals



Smart Agriculture



Long Battery Life

1600mAh battery and ultra-low power consumption, minimizing maintenance.



High-Precision Sensor

Built-in temperature and humidity sensors for monitoring and data collection.



Easy Deployment

Compact design for quick installation in various environments.



Smart System Integration

Easily pairs with a range of Kingwo gateways to create a remote monitoring solution.

GNSS

Bluetooth Version	Bluetooth 5.1 (BLE 4.2 compliant)
Frequency	2.402 - 2.480 GHz
Transmit Power	2.5 dBm
Antenna Gain	0 dBi
Sensitivity	-88 dBm
Transmission Range	100 m

Power

Battery	1600mAh (Up to 5 years standby time at a 30-second reporting interval)
---------	--

Physical specification

Dimensions	L63 x W63 x H18 mm
Weight	39.5g

Operating environment

Operating temperature	-40°C ~ +70°C (Accuracy: 0.1°C)
Storage temperature	-40°C ~ +80°C
Operating humidity	0% ~ 100% (Accuracy: 1%)
IP rating	IP54

Operating environment

Supported devices	Kingwo terminals: MT200, NT08E, NT09E, NT27E, NT28E, NT53E, NT53G
	* It is subject to product versions and configurations. Please consult our sales team for final confirmation.

Certification

CE