



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



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)
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Frequency	2.402 - 2.480 GHz
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Transmit Power	2.5 dBm
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Antenna Gain	0 dBi
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Sensitivity	-88 dBm
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Transmission Range	100 m
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Power

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

Dimensions	L63 x W63 x H18 mm
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Weight	39.5g
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Operating environment

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

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

Certification

CE

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