

MODELS: H200 / H300 / H500

TEMPERATURE SENSOR

Precision | Range | Ultra-Low Power



KEY INDICATORS

-200°C to 800°C

Measuring Range

**±0.5°C
(Customizable to
0.1°C)**

Accuracy

MQTT

Protocol

Three-wire

Connection

**>10 Years (1-
Hour Reporting)**

Battery Life

OVERVIEW

Hitelecom's temperature sensors offer remote monitoring, alerting, and high-precision measurement, ensuring timely and reliable temperature data across diverse applications

FEATURES



Accuracy: $\pm 0.5^{\circ}\text{C}$ (Customizable to $\pm 0.1^{\circ}\text{C}$)



IP68 Protection Rating



Wide Range: -200°C to $+800^{\circ}\text{C}$



Support NFC activation, add and maintain devices



Energy-Efficient Tech for Long-Lasting Performance



Supports Multiple Wireless Tech: 4G, NB-IoT, LoRa



Tel: +86 18616602589 / Web: <http://www.hitelecom.com>

Email: Justin.Li@hitelecom.cn / Add: 2nd Floor, Building 1, No. 116 Cheyang Road, Songjiang District, Shanghai

APPLICATIONS



SPECIFICATIONS

Item	Description
Product Models	H200/H300/H500
Measuring Range	-200°C to 800°C
Accuracy	±0.5°C (Customizable to 0.1°C)
Protocol	MQTT
Connection	Three-wire
Frequency band	LTE-TDD:B34/B38/B39/B40/B41LTE-FDD:B1/B3/B5/B8
Battery Life	>10 Years (1-Hour Reporting)
Installation	Ear Mount · Pole Clamp · Slot

Specifications may vary by configuration. Hitelecom supports OEM/ODM customization — contact us for variants, certificates and the latest revision.



Tel: +86 18616602589 / Web: <http://www.hitelecom.com>

Email: Justin.Li@hitelecom.cn / Add: 2nd Floor, Building 1, No. 116 Cheyang Road, Songjiang District, Shanghai