SenseCAP S2107
Temperature Sensor

Specifications

Temperature	
Range	-50 to +300℃
Accuracy	±0.5 ℃
Resolution	0.1 ℃
General Parameters	
Product Model	S2107
Support Protocol	LoRaWAN v1.0.3 Class A
Built-in Bluetooth	App Tool to change parameters
LoRaWAN Channel Plan	IN865/EU868/US915/AU915/ AS923/KR920/RU864 *
Max Transmitted Power	19dBm
Sensitivity	-136dBm@SF12 BW=125KHz
Communication Distance	2 to10km (depending on gateway antenna and environments)
IP Rating	IP66
Operating Temperature	-40 to +85 ℃ (LoRa DTU); -50 to 200℃(Cable); -50 to 300℃ (Probe)
Operating Humidity	0 to 100 %RH (non-condensing)
Device Weight	360g
Certification	CE / FCC / RoHS / TELEC
Battery (Contained in equipment)	
Battery Life	Up to 10 years**
Battery Capacity	19Ah (non-rechargeable)
Battery Type	Standard D-size SOCl2 Battery

* A device supports different frequencies and can be configured via the Bluetooth App.

** The battery life varies from data upload interval and distance between gateway.

Dimension