



## Thermal sensor for cold storage (TP-9103)

LoRaWAN thermal sensor, separated control box and sensor probe, suitable for harsh environment. Long distance, low power consumption environment.

### OVERVIEW

- Highly integrated sensor, 1 box could support up to 20 detection probes
- High quality, super fast response, strong anti-interference ability and high cost performance.
- Support up to 100 meters detection cable
- Detection sensor probe head can be stainless iron or copper
- Easy to adapt to local environment
- Suitable for cold storage environment

<b>Product Code</b>	<b>AN-103</b>
<b>Temperature parameters</b>	
<b>Detection range</b>	-55 ~ +125°C
<b>Resolution</b>	0.1 °C
<b>Accuracy</b>	± 0.3 °C
<b>Supported detection probes</b>	20
<b>Supported detection channels</b>	4
<b>LoRaWAN parameters</b>	
<b>Processor</b>	STM32L, ultra low standby power
<b>LoRaWAN Tx/Rx connector</b>	RP-SMA
<b>Frequency</b>	433MHz, 470 – 510MHz, 868MHz, 915MHz
<b>LoRaWAN working mode</b>	Single channel, Class A/C
<b>Data upload interval</b>	≥5 second
<b>Power supply</b>	
<b>Battery</b>	3.6V 7400mA
<b>Power consumption</b>	0.03 W
<b>Other parameters</b>	
<b>Working temperature</b>	-55 ~ 125 °C
<b>Size</b>	130 x 130 x 80 mm