

MLS-SNSR-TH

Milesight EM300 Temperature / Humidity Sensor

Product Overview

Milesight EM300 Temperature / Humidity Sensor, EM300-TH-868M, 1x 4000 mAh Li-SOCL2 Battery, NFC enabled



Specifications

Overview:

EM300-TH is a compact environment monitoring sensor for measurement of temperature and humidity and transmitting data using LoRaWAN technology. With this low power consumption technology, EM300-TH can work up to 5 years with 4000 mAh battery. Combining with Milesight LoRaWAN gateway and Milesight IoT Cloud solution, users can manage all sensor data remotely and visually.

EM300-TH is widely used for both indoor and outdoor applications such as offices, hospitals, factories, greenhouses, etc.

Features:

- Embedded with Sensirion high-precision sensor chip
- Ultra-wide-distance transmission up to line of sight of 10km
- IP67 UV-resistant and waterproof enclosure for harsh environment applications
- Built-in 4000 mAh replaceable battery and works for 5 years without replacement
- Equipped with NFC for easily configuration
- Compliant with standard LoRaWAN gateways and network servers
- Quick and easy management with Milesight IoT Cloud solution

Specifications:

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Specifications	
Product Code	MLS-SNSR-TH
Wireless Transmission	
Technology	LoRaWAN
Frequency	CN470 / IN865 / RU864 / EU868 / US915 / AU915 / KR920 / AS923

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Product Specification Sheet

Tx Power	16dBm(868) / 20dBm(915) / 19dBm(470)
Sensitivity	-137dBm @300bps
Mode	OTAA/ABP Class A
Measurement	
Temperature	
Range	-30 degreesC to + 70 degreesC
Accuracy	0 degreesC to + 70 degreesC (+/- 0.3 degreesC), -30 degreesC to 0 degreesC (+/- 0.6 degreesC)
Resolution	0.1 degreesC
Humidity	
Range	0% to 100% RH
Accuracy	10% to 90% RH (+/- 3%), below 10% and above 90% RH (+/- 5%)
Resolution	0.5% RH
Operation	
Power On & Off	NFC, Power Button (Internal)
Configuration	NFC Configuration via Mobile App
Physical Characteristics	
Power Supply	1 x 4000 mAh ER18505 Li-SOCL2 battery (extendable to 2 batteries)
Battery Life	>5 years (10 min interval, SF10)
Operating Temperature	-30 degreesC to +70 degreesC
Relative Humidity	0% to 100% (non-condensing)
Ingress Protection	IP67
Dimension	88.5 x 85.3 x 27 mm (3.48 x 3.36 x 1.06 in)
Installation	Wall Mounting

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:

<https://www.comx-computers.co.za/MLS-SNSR-TH-Milesight-EM300-Temperature-Humidity-Sensor-p-284873.php>

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Product Specification Sheet

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.