

MLS-SNSR-THV2

Milesight EM320 Temperature and Humidity Sensor

Product Overview

Milesight EM320 temperature and Humidity Sensor, EM320-TH-868M, 2x 2700 mAh ER14505 Li-SOCL2 batteries, NFC enabled, Store locally 3000 historical records



Specifications

Overview:

EM320-TH is a simple, compact and powerful LoRaWAN temperature & humidity sensor. It is equipped with high-precision sensors and IP67 waterproof design, applicable for accurate temperature and humidity data detection in various harsh environments. Food-grade materials enclosure and magnet design allow it to be placed in freezers and refrigerators and in contact with food or medicines safely.

In addition to LoRaWAN technology with low power consumption, it has built-in high-capacity batteries available for usage for up to 5 years without battery replacement. Moreover, EM320-TH is compatible with both Milesight LoRaWAN Gateway and Milesight IoT Cloud to achieve remote data monitoring and management. It is suitable for both indoor and outdoor applications such as cold chain transportation, agricultural greenhouses, office buildings, hospitals, factories, etc.

Features:

- Uses Sensirion high-precision sensor, capable of sensing subtle changes in temperature and humidity
- IP67 waterproof enclosure with multi-level structure and sealing ring design enabling strong waterproof performance for harsh environments
- Uses food-grade materials enclosure, which is safe for contact with food or medicines
- Ultra-low power consumption and standby with 5400 mAh built-in replaceable batteries, ensuring durable battery life
- Wall mounting or magnet version optional for multiple installation scenarios
- Anti-theft and anti-slip pad design on back cover to secure firm and sturdy installation
- Long range data transmission for up to 15 kilometers in rural areas
- Store locally 3000 historical records and support retransmission to prevent data loss
- Equipped with NFC for easy configuration
- Compliant with standard LoRaWAN gateways and network servers
- Quick and easy management with Milesight IoT Cloud solution

Specifications:

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Product Specification Sheet

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Specifications

Product Code	MLS-SNSR-THV2
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Wireless Transmission

Technology	LoRaWAN
Frequency	CN470 / IN865 / RU864 / EU868 / US915 / AU915 / KR920 / AS923-1&2&3&4
Tx Power	16dBm (868) / 20dBm(915) / 19dBm(470)
Sensitivity	-137dBm @300bps
Mode	OTAA/ABP Class A

Measurement

Temperature

Range	-30 degreesC to + 60 degreesC
Accuracy	+/- 0.2 degreesC
Resolution	0.1 degreesC

Humidity

Range	0% to 100% RH
Accuracy	+/- 2%
Resolution	0.5% RH

Operation

Power On & Off	NFC Configuration via Mobile App, Power Button (Internal)
Configuration	NFC Configuration via Mobile App

Physical Characteristics

Power Supply	2 x 2700 mAh ER14505 Li-SOCL2 Batteries
Battery Life	>=5 years
Operating Temperature	-30 degreesC to +60 degreesC
Relative Humidity	<=95%
Material & Color	ABS + PC (Food Grade), White
Ingress Protection	IP67
Dimension	85 x 58 x 18 mm (3.34 x 2.28 x 0.70 in)

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-THV2-Milesight-EM320-Temperature-and-Humidity-Buy-p-284784.php>

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