



EM320-TH

Milesight

Temperature & Humidity

Attractive and Compact Design for Indoor and Outdoor usage

EM320-TH is measuring

- Temperature
- Humidity

EM320-TH is a simple, compact and powerful LoRaWAN® sensor.

It comes with high-precision sensors and IP67 waterproof enclosure for harsh environments.

Food-grade materials and magnet design allow it to be safely placed in freezers and refrigerators in contact with food or medicines.

EM320-TH applies 2 × 2700 mAh batteries providing more than five-year battery life.

EM320-TH is equipped with NFC for easy mobile app configuration (Android and iOS).

EM320-TH is compliant with standard LoRaWAN® gateways and network servers

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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

Temperature

Range	-30°C to + 60°C
Accuracy	+/- 0.2°C
Resolution	0.1°C

Humidity

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



Gateway UG65



Specifications are according to the manufacturer and might change without any notice

Sing Go Tech

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Physical characteristics

Power supply	2 × 2700 mAh ER14505 Li-SOCL2 Batteries
Battery life at 10 min interval	>5 years (SF10) For guideline purposes only!
Operating Temp.	-30°C to +60°C
Relative humidity	≤95%
Ingress protection	IP67
Dimension	85 × 58 × 18 mm (3.34 × 2.28 × 0.70 in)
Material	ABS + PC (Food Grade), White
Installation	Standard version: Wall mounting Option: Magnetic version

Dimensions in mm

