



WIRELESS TEMPERATURE & RH SENSOR

LR-SS-TG08B-EU



CE EN12830



Comprehensive Reports

Provides detailed measurement reports in PDF or Microsoft Excel format



Intuitive LCD Indication

LCD presents all key information including checking current temperature, humidity, alarm status, signal strength, battery power



Built-in Alarm

Equipped with buzzer to alarm locally when the measurement exceeds the limits



Long Range Transmission

Communication distance between gateway and sensor up to 5 km

APPLICATIONS



Biochemical laboratory



Agriculture



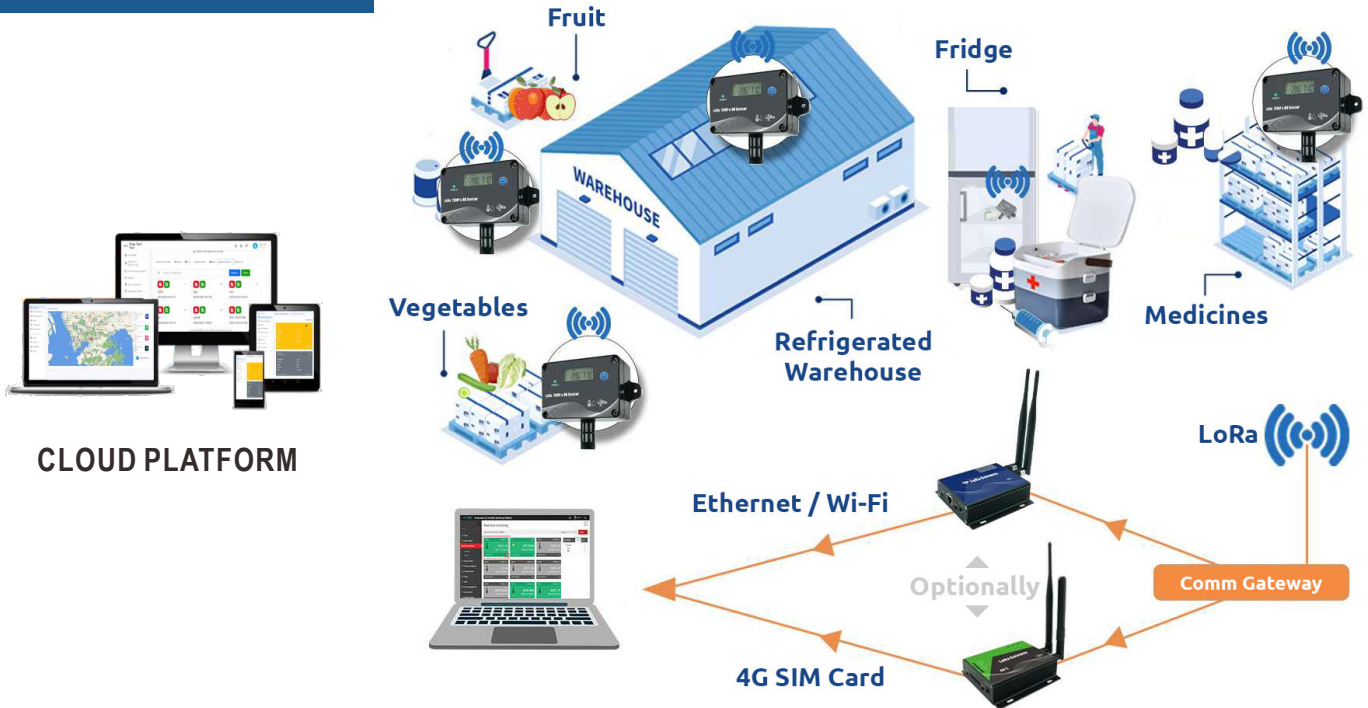
Pharmaceutical



Warehouse

WIRELESS TEMPERATURE & RH SENSOR

HOW WIRELESS SENSOR WORKS



SPECIFICATIONS: LR-SS-TG08B-EU

Dimensions:	106 mm x 57 mm x 33 mm	
Weight:	126 g	
Battery Shelf Life:	3 years (recording every 15 mins)	
Communication Mode:	LoRa (up to 5 kilometers, open area)	
Temperature Range:	-30°C to 60°C	
Operating Humidity Range:	5% RH to 95% RH (non-condensed)	
Resolution:	0.1°C / 0.1 %RH	
Accuracy of Temperature and Humidity:	Temp: $\pm 0.3^{\circ}\text{C}$ (0 to 60°C) ± 0.3 to 0.7°C (other)	Humidity: $\pm 2.5\%$ (10% to 90%) $\pm 4\%$ (other)
RF Frequency:	868 MHz	
Transmit Interval:	1 min to 1440 mins (user definable), default 15 mins	
Battery:	3.6V / 4000 mAh (user replaceable)	
Weather Protection:	IP54	

FEATURES

- Sensitive, high precision temperature / humidity probe
- Long range real-time measurement data uploading
- 50000 recordings can be stored into device flash memory (when the connection to the gateway or cloud is unavailable) and unlimited recordings storage on cloud based platform
- Configurable alarm thresholds, uploading interval and measurement units
- Configurable alarm buzzer for local alarm
- Equipped with LCD display screen, easy to check current status, temperature and humidity measurements, alarm status, signal strength and battery power
- Export measurements data as PDF or Microsoft Excel format