



packet**SENSE** Industrial Temp+Hum

The **packetSENSE Industrial Temperature and Humidity** is a compact monitoring device designed for precise environmental tracking. With a range of detecting probes, it provides real-time insight into temperature and humidity, enabling proactive control of storage sites that demand strict regulatory requirements—such as cold chain, blood banks, and pharmaceutical storage.

The extendable connecting lines allow flexible installation, even in tight or hard-to-reach locations. Powered by LoRaWAN®, it sends live data over long distances to a centralized dashboard for continuous remote monitoring and analysis.

Features

- **High-Precision** Temperature Monitoring
- **Multi-Probe** Support
- **Dual** Replaceable Batteries
- **Long-Range** LoRaWAN® Connectivity
- **PacketVIEW Platform** Integration
- **OTA** Firmware Updates

Applications

- **Cold Chain** Storage
- **Refrigerated** Transportation
- **Food Processing**
- **Healthcare** Cold Storage

Technical Specification

Wireless Communication Supported

Technology	LoRaWAN®
Frequency	CN470 / IN865 / RU864 / EU868 / US915 / AU915 / KR920 / AS923-1, -2, -3, -4
Transmit Power	16 dBm (868 MHz) / 22 dBm (915 MHz) / 19 dBm (470 MHz)
Class	Class A

Power Configuration

Power Source	Battery or External DC
Battery Type	Li-SOCl ₂
Battery Capacity	2 × 4000 mAh
DC Source	Type-C USB, 5 V/1 A

Sensor Performance

Temperature Probe	X2	X1
Range	-200 °C ~ 50 °C	-40 °C ~ 125 °C
Accuracy	± 0.5°C (-175°C~50°C)	± 0.5°C (-40°C~40°C)
Cable Length	1.5 m	2.0 m
Humidity Measurement	0% RH ~ 100% RH	

General Specifications

Operating Temperature	-30 °C ~ 70 °C
Relative Humidity	0% to 95% (non-condensing)
Dimension	109.35 x 75 x 29 mm
Weight	175 g
Installation	Wall Screw Mounting
Ingress Protection	IP65

Approvals

Regulatory	CE, FCC, EN12830
Environmental	RoHS

LoRa Alliance Member

packetw@rx
WE CONNECT THINGS

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