

packetSENSE Smoke Sensor

The **packetSENSE Smoke Sensor** is a cutting-edge IoT device that utilizes LoRaWAN® technology and photoelectric sensing to efficiently detect smoke. Engineered for easy installation and maintenance, its two-part design (sensor and mounting base) facilitates simple sensor head replacement without removing the entire device.

When smoke is detected, the **packetSENSE Smoke Sensor** activates audible and visible alarms for immediate danger indication. With low power consumption, the device boasts a battery life of over three years, ensuring prolonged and reliable operation. An ideal solution for smoke detection, the **packetSENSE Smoke Sensor** helps ensure the safety and well-being of residential, commercial, and industrial building occupants.



Features

- Audible alarms
- Visible alarms, such as Light-Emitting Diodes (LEDs)
- LoRaWAN® compatible
- Optimized as IoT end-node
- Long battery life

Applications

- Residential houses / villages
- Condominiums
- Warehouses
- Factories
- Schools
- Offices
- Hotels
- Malls
- Theaters / auditoriums
- Other commercial and industrial facilities

Technical Specification

Data Communication Supported

Technology	LoRaWAN®
Device	S76S
Tx Power	25dBm

Electricals

Quiescent Current	≤ 35uA
Alarm Current	≤ 35mA
Emission Current	≤ 200mA

Mechanical

Dimension	Dia 105.2 x H48.1mm
Working Humidity	≤95%RH (40°C±2°C)
Working Temperature	-10 °C - +50 °C

Power

Battery Type	2 1.5V AA (high capacity alkaline batteries)
Battery Life	3-5 years

General Device Specification

Sound Level	>80dBm (A-weighted)
Smoke Alarm	≤0.35dB/m
Temperature Alarm	≥65°C
Weight	~160g

packetworx

WE CONNECT THINGS

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