

PW-800P/LR

9V Battery Operated Photoelectric Smoke Alarm With LoRa

The PW-800P/LR is a self-contained 9V battery operated smoke detector embedded with LoRa communication module especially designed for residential and institutional applications including sleeping rooms of hospitals, hotels, motels, dormitories and other multi-family dwellings. PW-800P/LR is designed to give early warning of developing fires by giving off an audible alarm from its built-in alarm horn which provides precious time for escape before a fire spreads.

LoRa is a spread spectrum modulation technique derived from chirp spread spectrum technology, it is a long range, low power wireless platform, which able to overcome challenging buildings environment buildings due to thick walls and enables real-time communication of information that can be utilized to enhance secure and reliable detection.

Specification

- Steady current: < 20 μ A
- Alarm current: < 50mA
- Operating temperature: 0 $^{\circ}$ C ~40 $^{\circ}$ C
- Operating humidity range : 10% to 93% RH, non-condensing
- Appearance dimension: 10cm (Diameter) * 3.4 cm (Height)
- Wireless Connection Coverage: 1 km
- Power Source: 9VDC Alkaline Battery, operates for 1 Year



Feature

- Photo-electric sensor
- Power & alarm test button
- Low battery warning
- Loud 85db alarm signal
- Supplied with wall plugs & screws
- Loud 85dB alarm signal at 3 meters
- Use LoRa ultra-long-range wireless transmission scheme

Approval

- CE standard