



POWER LUBE BOX RECORDER[®] (Outdoor)



Hardware Interfaces



The Power Lube Box Recorder (outdoor) provides for a solid out of the box experience for quick deployment in outdoor and harsh industrial environments. With its industrial grade components, it achieves a high standard of reliability.

Power Lube Box Recorder is a concentrator collecting and recording data sent remotely by Power Lube Sensors. Our Power Lube Box Recorder can record all data sent up to 100 Power Lube Sensor units. It allows you to connect LoRa wireless network to IP network via WiFi, Ethernet, 4G cellular. LoRa wireless allows users to send data and achieve extremely long ranges at low data rates.

The Power Lube Box Recorder has pre-configured to use for different countries.



Applications :

- Smart Buildings & Home Automation
- Logistics and Supply Chain Management
- Smart Metering
- Smart Cities
- Smart Agriculture
- Smart Factory
- ...

Enclosure

- Ingress Protection : IP67
- Enclosure Material : Aluminum
- Interface: 5 x N-Type connectors for Antenna, 1 PoE port and 1 reserve port
- Dimension: 220 x 220 x 104 mm
- Weight : Approximately 111.11oz (3.15kg)
- Operating Temp : -30°C to +55 °C
- Support: up to 70~100 mm diameter pole mount

Specifications :

Wi-Fi Feature

- Frequency: 2.400-2.4835GHz(802.11b/g/n)
- RX Sensitivity: -95dBm (Min)
- TX Power: 20dBm (Max)
- Operation Channels: 2.4GHz: 1-13

LoRa Feature

- RX Sensitivity: -139dBm (Min)
- TX Power: 27dBm (Max)
- Frequency: EU433, CN470, EU868, US915 , AS923, AU915, KR920, IN865

Cellular Feature

- EG95 -E for EMEA Region :
- LTE FDD: B1/B3/B7/B8/B20/B28A
- WCDMA: B1/B8
- GSM/EDGE: B3/B8 EG95 -NA for North America Region
- LTE FDD: B2/B4/B5/B12/B13
- WCDMA: B2/B4/B5

Power Supply :

PoE (IEEE 802.3af/at-Compliant) - 42~57VDC; Power Jack - 12V D
Power Consumption : 12W (Typical)
Ethernet : RJ45 (10/100Mbps)
Antenna : 5 N-Type Connectors
Installation method : Pole or Wall mounting