Outdoor LoRa IoT Gateway

The Outdoor LoRa IoT Gateway is a LoRa-based wireless gateway designed to handle long-range tracking of LoRa-based sensors and devices. With up to 15km connectivity in the open air (line-of-sight) and 2km within the city, this device is fully capable of handling your long-range tracking requirements. It is specifically designed for harsh outdoor environments. The IoT Gateway is Class A and C compliant and comes with a built-in backup battery to provide you with up to 5 hours of autonomous work without the AC power.

Applications

- **Construction**
- **Manufacturing**
- **Oil & Gas**
- **Mining**
- **Logistics**
- **And many more…**

Product	Outdoor LoRa IoT Internet Gateway
Model Name	Outdoor LoRa IoT Gateway
Network Connectivity	802.11 b/g Wi-Fi, LAN and 3G/4G Cellular
Concentrator Modules	Dual concentrators for up to 16 channels
LoRa Operating Frequency	EU433, CN470, EU868, US915, AS920, AS923, AU915, KR920, IN865
Transmit Power	27 dBm (Max)
Receiver Sensitivity	-142 dBm (Min)
Cloud Connection	Configurable to transmit data to any MQTT Server.
Input Voltage	POE + surge protection,110-220V AC
Ingress Protection	IP67
Size (HxWxL)	22 x 22 x 10.5 cm 8.66 x 8.66 x 4.13 in
Weight	5 Kg (11 lb) with mounting kit
Operating Temperature	-30 C to +55 C
Material	Aluminium
Certifications	FCC, CE
Bundle Components	16 Channels SX1301 2 LoRa Antennas 1 LTE (Cellular) Antenna 1 GPS Antenna 1 2.4G Wi-Fi Antenna 1 Power Board 1 Backup Battery