

WISE-6610P

16ch Industrial LoRaWAN Gateway

NEW



Features

- 16ch with Latest Semtech SX1302 gateway chipset solution, it doubles the packet processing speed
- Embedded LoRaWAN Network Server for both private and public system application
- Compatible with Multiple Network Servers like Actility, The Things Network, Chirpstack, AWS, etc
- Supports Modbus/TCP, MQTT, BacNet, OPCUA protocols
- Build-in Node-Red, LoRaWAN network server and Edgmlink software packages
- Global LoRaWAN Frequency Plans
- Pole and wall mounting design
- IEEE 802.3af compliant from PoE equipment

Introduction

The WISE-6610P is the next generation of Industrial LoRaWAN Gateway with 16 wireless communication channel and IP67 rating enclosure design. It has high-performance that offers reliable connectivity for industrial environments. It supports the LoRaWAN protocol for building LoRaWAN private and public networks, as well as various industrial protocols including Modbus, OPCUA, Backnet/IP, MQTT, etc. The hardware and software flexibility of the WISE-6610P provides rich features for edge intelligence systems, and also supports VPN tunneling with various protocols ensures safe communications. The WISE-6610P also runs a embedded LoRaWAN network server (LNS) that can decode the LoRaWAN data directly in our device.

Specifications

WSN Support

- | | |
|-----------------------------|---|
| ▪ Standard | LoRaWAN |
| ▪ Frequency | IN865/EU868/AU915/US915/KR920/AS923/JP923 |
| ▪ Frequency channels | 16 |
| ▪ ANT Connector | N-Type connector x 2 |

LAN Interface

- | | |
|---------------------|---|
| ▪ Ethernet | 10/100 Mbps, auto MDI/MDIX |
| ▪ Standard | IEEE 802.3, 802.3u, 802.3af/at, 802.3ab |
| ▪ Protection | 1.5-kV built-in magnetic isolation protection |

General

- | | |
|-------------------------|--------|
| ▪ LED Indicators | Status |
|-------------------------|--------|

Software

- | | |
|------------------------------|---|
| ▪ Network and Routing | DHCP server, NAT/PAT, VRRP, dynamic DNS client, DNS proxy, VLAN, QoS, DMVPN, NTP client/server, IGMP, BGP, OSPF, RIP, SMTP, SMTPS, SNMP v1/v2c/v3, backup routers, PPP, PPPoE, SSL, port forwarding, host port routing, Ethernet bridging, network server |
| ▪ Configuration | SSH, Web Browser |
| ▪ Network Security | HTTPS, SSH, VPN tunnels, SFTP, DMZ, firewall (IP filtering, MAC address filtering, inbound/outbound port filtering) |
| ▪ VPN tunnelling | Open VPN client and server and P2P, L2TP, PPTP, GRE, EasyVPN, IPSec with IKEv1 and IKEv2 |
| ▪ Software package | Node-Red, LoRaWAN Network Server, Edgmlink |

Mechanics

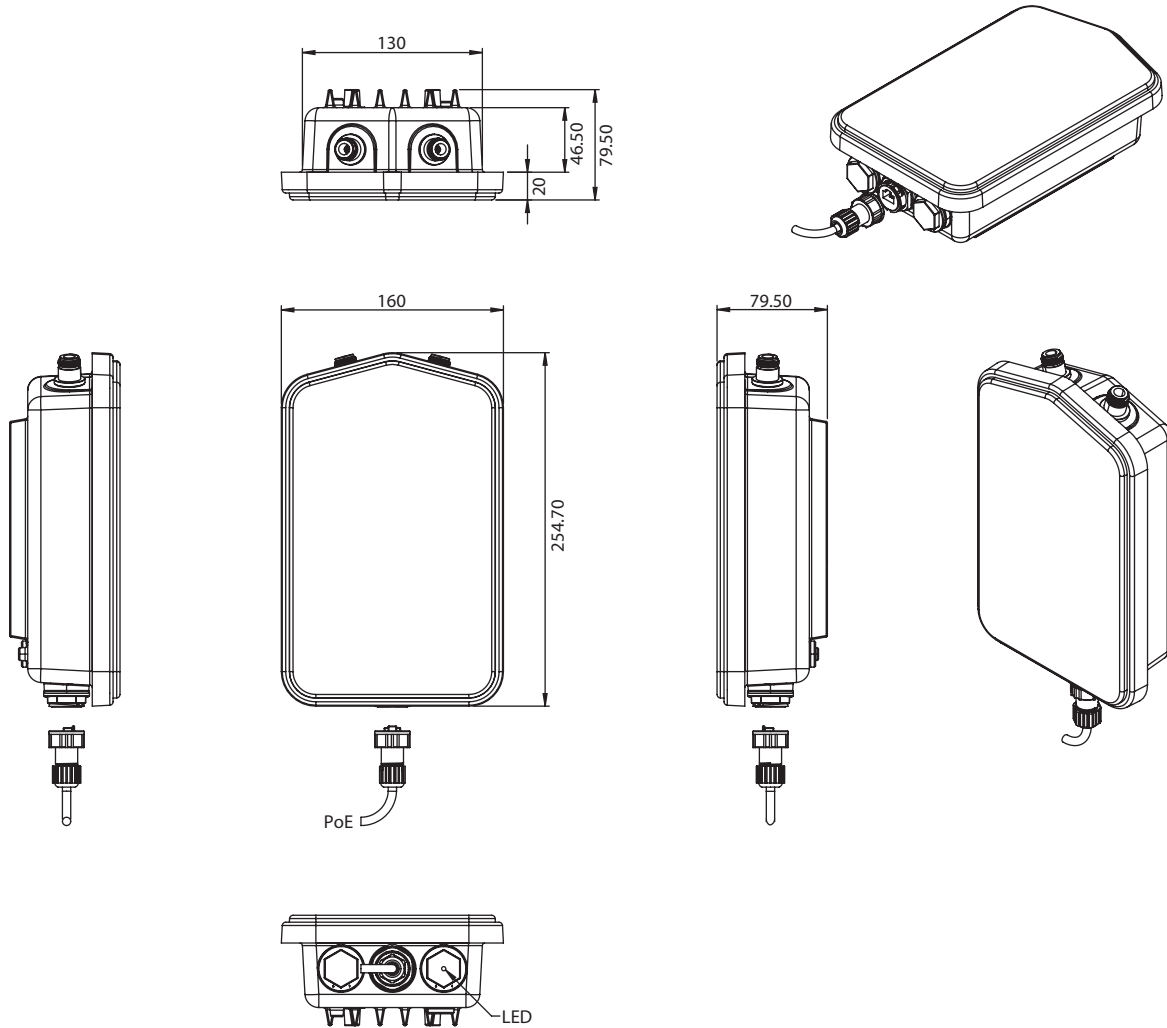
- | | |
|---------------------------------|---|
| ▪ Dimensions (W x H x D) | 160 x 255 x 79.5 mm (6.2" x 10.04" x 3.13") |
| ▪ Mounting | Pole, wall |
| ▪ Weight | 1.3kg |
| ▪ Enclosure Rating | IP67 |
| ▪ SD Card | 1 x Micro SD Card Slot |

Environment

- | | |
|--------------------------------|-------------|
| ▪ Operating Temperature | -40 ~ 75°C |
| ▪ Storage Temperature | -40 ~ 85°C |
| ▪ Operating Humidity | 10 ~ 95% RH |

Dimensions

Unit: mm [inch]



Ordering Information

- **WISE-6610P-DEA** 16channel Industrial LoRaWAN Gateway(EU868)
- **WISE-6610P-DNA** 16channel Industrial LoRaWAN Gateway(NA915)
- **WISE-6610P-DJA** 16channel Industrial LoRaWAN Gateway(JP923)
- **WISE-6610P-DTA** 16channel Industrial LoRaWAN Gateway(AS923)

Accessories

- **EKI-2701HP-AC-A** Gigabit IEEE 802.3at PoE+ Injector (without power cord)
- **1702002600** Power Cord for US, 183cm
- **1702002605** Power Cord for EU, 183cm
- **1700000237** Power Cord for JP, 183cm

Tento produkt můžete zakoupit u společnosti AutoCont IPC a.s.



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