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 Edgelink software packages
- Global LoRaWAN Frequency Plans
- Pole and wall mounting design
- IEEE 802.3af compliant from PoE equipment

RoHS
COMPLIANT
2002/95/EC

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, Edgelink

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
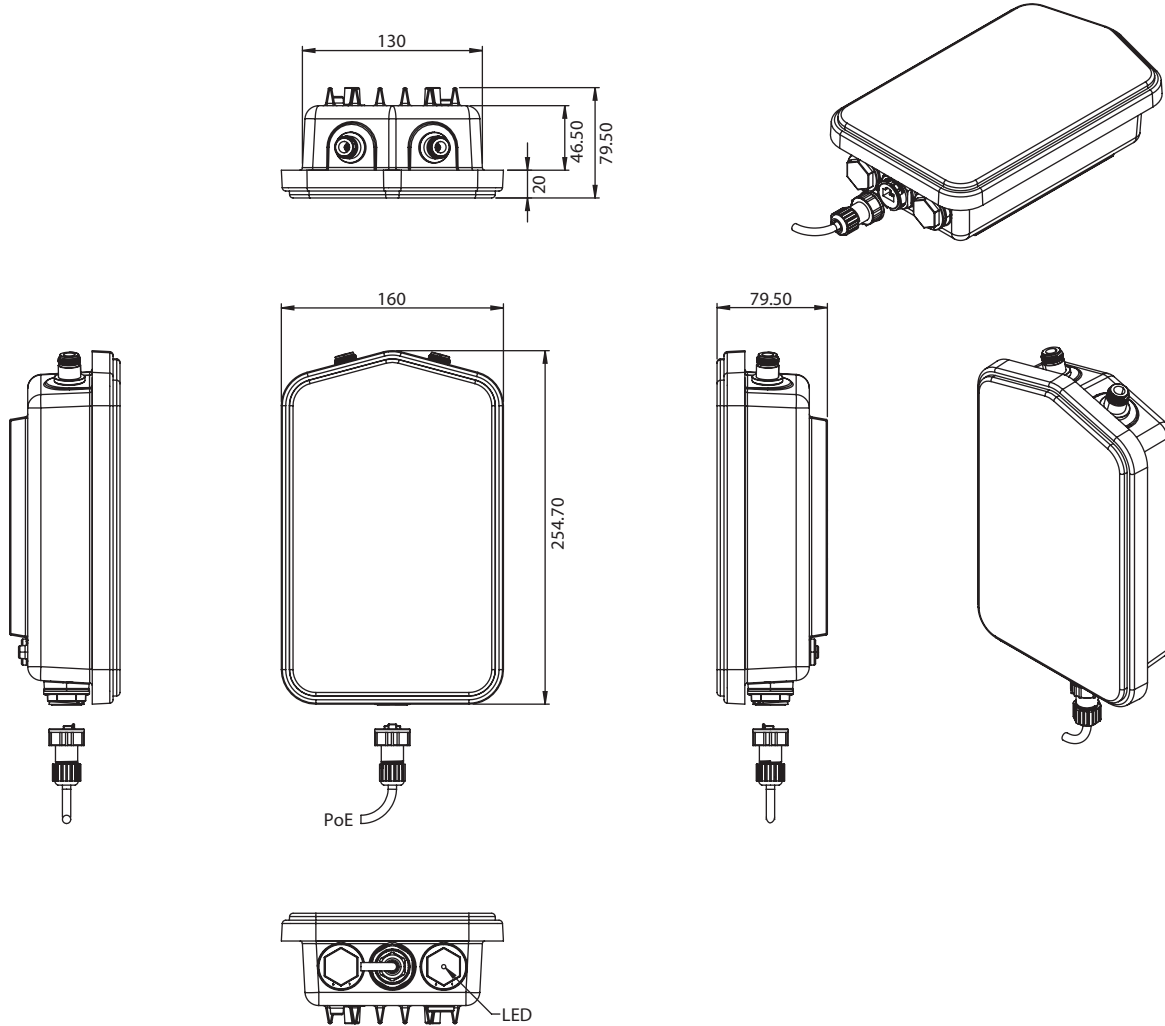- **Operating Humidity**   10 ~ 95% RH

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ADVANTECH | **Industrial Wireless and Protocol Gateway Solutions**
All product specifications are subject to change without notice.

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Dimensions

Unit: mm [inch]

130

79.50
46.50
20

160

254.70

79.50

PoE

LED

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

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