



# INDOOR LORAWAN ETHERNET GATEWAY

## RELIABLE LORAWAN TO ETHERNET CONNECTIVITY



### KEY FEATURES

- ◆ **High-Performance Concentrator:** Powered by a Semtech SX1302/03 concentrator for robust and efficient data processing.
- ◆ **Plug-and-Play Setup:** Simple Ethernet connectivity allows for immediate, out-of-the-box integration with the ioX-Connect platform.
- ◆ **Pre-configured for Simplicity:** Comes pre-configured for regional LoRaWAN frequency bands to ensure a seamless setup, with options for custom network configurations.

### DEVICE OVERVIEW

The ioX-Connect Indoor LoRaWAN Ethernet Gateway acts as the central bridge between your LoRa sensor network and your IP network. Designed for reliability, it streams data from any LoRaWAN-based device directly to the ioX-Connect platform via a standard Ethernet connection.

This gateway is a true plug-and-play solution, pre-configured to match your region's specific frequency bands. It ensures that your sensor data is transmitted seamlessly, making it an essential component for any indoor commercial IoT deployment. For specialized requirements, it can also be customized for other LoRa networks.

**Important Note:** This gateway is designed exclusively for LoRaWAN-based devices and is not compatible with RF-based products.

### TECHNICAL FEATURES

- **LoRaWAN Version:** v1.0.3, Class A (1 x SX1302 + 2 x 1250 LoRa Transceiver)
- **Frequency Bands:** 868: For EU868, RUS864, IN865, KZ865 | 915: For US915, AU915, AS923, KR920
- **Supply Voltage:** Power Input via USB Type-C: 5V, 2A
- **Product Dimensions:** 12 x 12 x 3 cm | Weight: 138 g
- **Signal Strength:** Max Output Power: 27dBm | Sensitivity: -140dBm
- **Operating Temperature:** -40 ~ 85°C
- **Configuration:** Remotely configurable via ioX-Connect platform
- **Firmware Updates:** Wireless OTA (Over-The-Air) firmware upgrade capability