ioX-Connect®

LORAWAN MULTI-CHANNEL PULSE COUNTER

Industrial-Grade Wireless Pulse Counting & Contact Monitoring

KEY FEATURES

- **Multi-Channel Pulse Counting:** Supports up to three independent input channels for pulse or contact monitoring.
- **OFlexible Configuration:** Switch between single- or multi-channel operation and select event-based or periodic reporting.
- **Industrial Durability:** IP67-rated enclosure with wide operating temperature range (-40 °C to +85 °C).
- **Long Battery Life:** Powered by 8500 mAh Li-$SOCl_2$ battery or optional solar + 3000 mAh Li-ion rechargeable version.

DEVICE OVERVIEW

The ioX-Connect LoRaWAN® Multi-Channel Pulse Counter is a rugged wireless end node designed for accurate pulse and dry-contact monitoring across industrial and utility environments. Supporting **one to three input channels**, it captures pulse counts and contact events and transmits them to the ioX-Connect platform using long-range, ultra-low-power LoRaWAN communication.

Built for outdoor deployments, the device features an **IP67 enclosure, multi-year battery life**, optional solar power, and a **Datalog function** that stores readings during network outages for automatic syncing later. With **OTA updates and remote configuration**, it is simple to deploy and manage at scale.\

Best For: Utility metering, flow monitoring, equipment runtime tracking, and industrial contact-based event logging.

TECHNICAL FEATURES

- **LoRaWAN Version:** v1.0.3, Class A
- **Input Channels:** Up to 3 dry-contact / pulse inputs
- **Reporting Modes:** Event-based / Periodic / Aggregated
- **Data Logging:** On-device storage with automatic sync
- **Power Supply:** 8500 mAh Li-$SOCl_2$ (non-rechargeable) or Solar + 3000 mAh Li-ion (optional)
- **Configuration:** Remotely via ioX-Connect platform (downlink)
- **Operating Temperature:** –40 °C to +85 °C
- **Enclosure:** IP67 industrial waterproof housing
- **Frequency Bands:** EU433 / US915 / EU868 / AS923 / AU915 / IN865
- **Dimensions / Weight:** 195 × 125 × 55 mm | 420 g

sales@iox-connect.com
+1(321) 441-9641
www.iox-connect.com