



INDI LORA

Long-range analog sensing and control

Connect distributed sensors and control equipment to the Modulink Basestation over private LoRa without new communications wiring.

PRODUCT STATUS

IN PRODUCTION

Hardware revision 4.3 | July 2026



INDI LORA IN INDUSTRIAL SERVICE

Long-range terminal for distributed process assets

OVERVIEW

Modulink Indi LoRa turns conventional analog and industrial loop inputs into long-range wireless endpoints managed through the Modulink platform. It is built for distributed assets where pulling new communications cable is difficult or uneconomic.

WHY INDI LORA

- Extend monitoring and control to brownfield and remote assets.
- Feed dashboards, alerts, automation workflows, and Modulink Skills.
- Keep the same dashboard and control workflows with on-site visibility.
- Reduce commissioning time through shared Basestation configuration.

PRODUCT HIGHLIGHTS

PRIVATE NETWORK

No per-device cellular subscription

LONG RANGE

Private LoRaWAN US915 coverage

FLEXIBLE I/O

Configurable analog output and relay-driver control

IDEAL APPLICATIONS

- Remote asset monitoring
- Tank level, pressure, and flow
- Wireless valve control
- Industrial process monitoring
- Brownfield instrumentation
- Distributed process control



Indi LoRa specifications and deployment

Core interfaces, operating limits, platform compatibility, and deployment considerations.

Use this profile to evaluate power, networking, integration, and application fit.

TECHNICAL SNAPSHOT

Current-loop inputs	2 x 4-20 mA
Voltage inputs	2 x 0-10 V
Configurable output	One selectable output: 4-20 mA source or 0-10 V voltage
Relay interface	One nominal 24 V relay-driver output for an approved external SPDT relay
Output protection	Current sensing and output-protection features
Communications	Private LoRaWAN US915
Typical range	Up to approximately 2 miles depending on site conditions
Input power	Nominal 24 VDC line power (19.2–32 VDC input range)
Field power passthrough	4 protected AUX passthrough connections (shared 500 mA install limit)
Enclosure	IP67-rated plastic enclosure
Operating temperature	-40 C to +85 C
Dimensions	5.9 in W x 5.9 in H x 3.5 in D
Software	Modulink platform, Skills, and software integrations
Updates	Firmware updates over the air
Network	Modulink Base Station

KEY CAPABILITIES

- Private long-range communications
- Automatic Base Station discovery
- Remote configuration and monitoring
- Firmware updates over the air
- Line-powered sensing and control
- Relay-driver interface for compatible control hardware

DEPLOYMENT ADVANTAGES

- No per-device cellular subscription
- Designed for brownfield installation
- Local Basestation operation
- Harness and terminal options for protected field wiring

SYSTEM FIT

FIELD ASSET > TERMINAL > BASE STATION > MODULINK SKILL

Connect distributed assets beyond practical wired-control limits.

Scan for product information, deployment guidance, and current availability.

getmodulink.com/products/indi-lora

