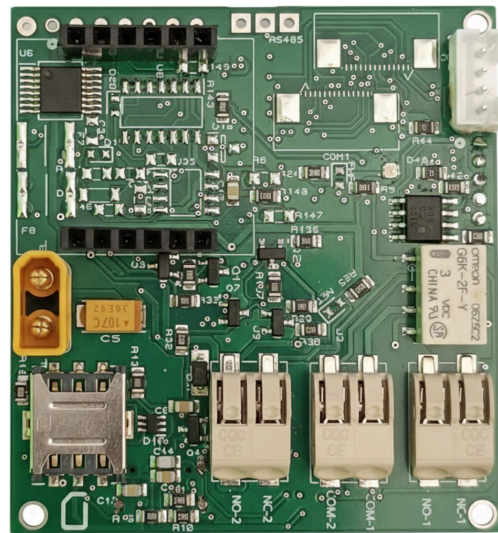


PRODUCT SHEET

Router LoRa

Router LoRa links LoRa nodes over 4G, Ethernet or Wi-Fi



Type:
Product sheet

Product:
Router LoRa

System:
AITHANEX (management, data and operations platform)

Audience:
Customer, pre-sales, management and operations

Document version:
1.0

Revision date:
2026-10-04

Router LoRa links LoRa nodes over 4G, Ethernet or Wi-Fi.

What it solves

Router LoRa acts as the link point between the lighting points and the operations environment. It concentrates LoRa communication and sends it to AITHANEX or to the customer's backend over 4G, Ethernet or Wi-Fi, depending on the installation.

Where it is used

- Lighting or sensing networks.
- Tunnels.
- Bridges.
- Public and private lighting.
- Irrigation systems.
- Access control systems.

Main capabilities

- **LoRa communication.** Connects nodes in distributed installations.
- **Flexible connectivity.** Links to AITHANEX or to the customer's backend over 4G, Ethernet or Wi-Fi.
- **Lighting link.** Connects LoRa lighting nodes to the operations environment.

Main advantages

- **Unified uplink.** The router concentrates communication and sends it to AITHANEX or to the customer's backend over 4G, Ethernet or Wi-Fi depending on the installation.
- **Continuity with AITHANEX.** Integrates the node data into the operations environment.