

PRODUCT SHEET

AITHANEX v1.0

AITHANEX brings IoT devices, data, automation and operations together on a single platform

Type:

Product sheet

Product:

AITHANEX v1.0

System:

AITHANEX (management, data and operations platform)

Audience:

Customer, pre-sales, management and operations

Document version:

1.0

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Purpose

AITHANEX brings IoT devices, data, automation and operations together on a single platform. From that common base, it centralizes infrastructure management and allows processes to be automated in an orderly way.

Platform products

AITHANEX is understood as a suite: each product has a specific function, but all of them work on a common base of data, operations, security and integration.

Operational software

- **AITHANEX Things:** AITHANEX's operational interface. Through maps, dashboards, alarms and history, it lets you view connected devices, run actions and review activity.
- **AITHANEX Customer service:** Conversational product. It centralizes customer conversations, automates replies with bots and allows queries to be handed off to human support.
- **AITHANEX AI:** AITHANEX's intelligence layer. It lets you create intelligent agents, use different AI models depending on the task, analyze data and run workflows on the platform's information.

Hardware

- **AITHA Core:** Common hardware and firmware base for AITHA products. It standardizes connectivity, telemetry, remote update and remote operation to speed up new developments.
- **Router LoRa:** Links AITHA LoRa devices to AITHANEX or to the customer's backend, using 4G, Ethernet or Wi-Fi.
- **AURA X36:** Gateway for signals, sensors, actuators and distributed systems. It connects physical infrastructure to AITHANEX or to customer platforms for monitoring, security and remote management.

Application of the platform to specific cases

- **AITHA Protection:** Security device for exposed assets. It reports movement, impact or tampering events to AITHANEX Things or to the customer's system, for remote monitoring.
- **Lux AITHA LoRa:** LoRa node for connected lighting. It lets you schedule, dim and monitor light points.
- **Lux AITHA NB-IoT:** NB-IoT controller for connected lighting. It communicates with each light point directly over a compatible mobile network.
- **OSHTIA EV Charger:** Smart, manageable electric vehicle charger. It lets you deploy connected chargers with user identification, power management and optional integration with AITHANEX for supervised remote support.

References

- AITHANEX Things: <https://aitha.es/en/platform/things/>
- AITHANEX Customer service: <https://aitha.es/en/platform/inbox/>
- AITHANEX AI: <https://aitha.es/en/platform/aitha-ai/>
- AITHA Core: <https://aitha.es/en/aitha-core/>
- Router LoRa: <https://aitha.es/en/products/lux-aitha/#lora-router>
- AURA X36: <https://aitha.es/en/products/aura-x36/>
- AITHA Protection: <https://aitha.es/en/products/aitha/>
- Lux AITHA LoRa: <https://aitha.es/en/products/lux-aitha/>
- Lux AITHA NB-IoT: <https://aitha.es/en/products/lux-aitha/>
- OSHTIA EV Charger: <https://oshtia.com/en/models/ev-charger/>

