



Iris S

Lumos Controls On-Premise Server

Product Overview

Lumos Controls On-Premise Solution brings the power of the Lumos Controls cloud to your doorstep by offering unparalleled control, security, and functionality without relying on external servers.

Tailored for installations with unique requirements, it ensures a robust and reliable lighting ecosystem.

The Lumos Controls ecosystem comprises controllers, sensors, switches, modules, drivers, gateways, and analytical dashboards.

It is listed by the **Design Lights Consortium (DLC)**, qualifying it for energy conservation incentive programs and rebates by utility companies.

Features

- Individual and bulk commissioning of devices
- Control luminaires individually or in group from mobile app or smart switches
- Light Configurations to set trimming, transition behavior, dim curves and more
- Compatible with DALI 2.0, 0-10V, Phase and PWM5 dimming
- Remote control from Server UI
- Automate lighting with motion sensors, daylight sensing and schedules
- Data reports to monitor device usage, occupancy and energy consumption
- Smart Emergency Lighting to automate function and duration tests using DALI emergency drivers
- BMS Integration – Leverage the Niagara framework to integrate with 120+ BMS systems
- OTA updates for the devices at mesh or individual level
- Multi-language support
- Customize functions for switches

Benefits

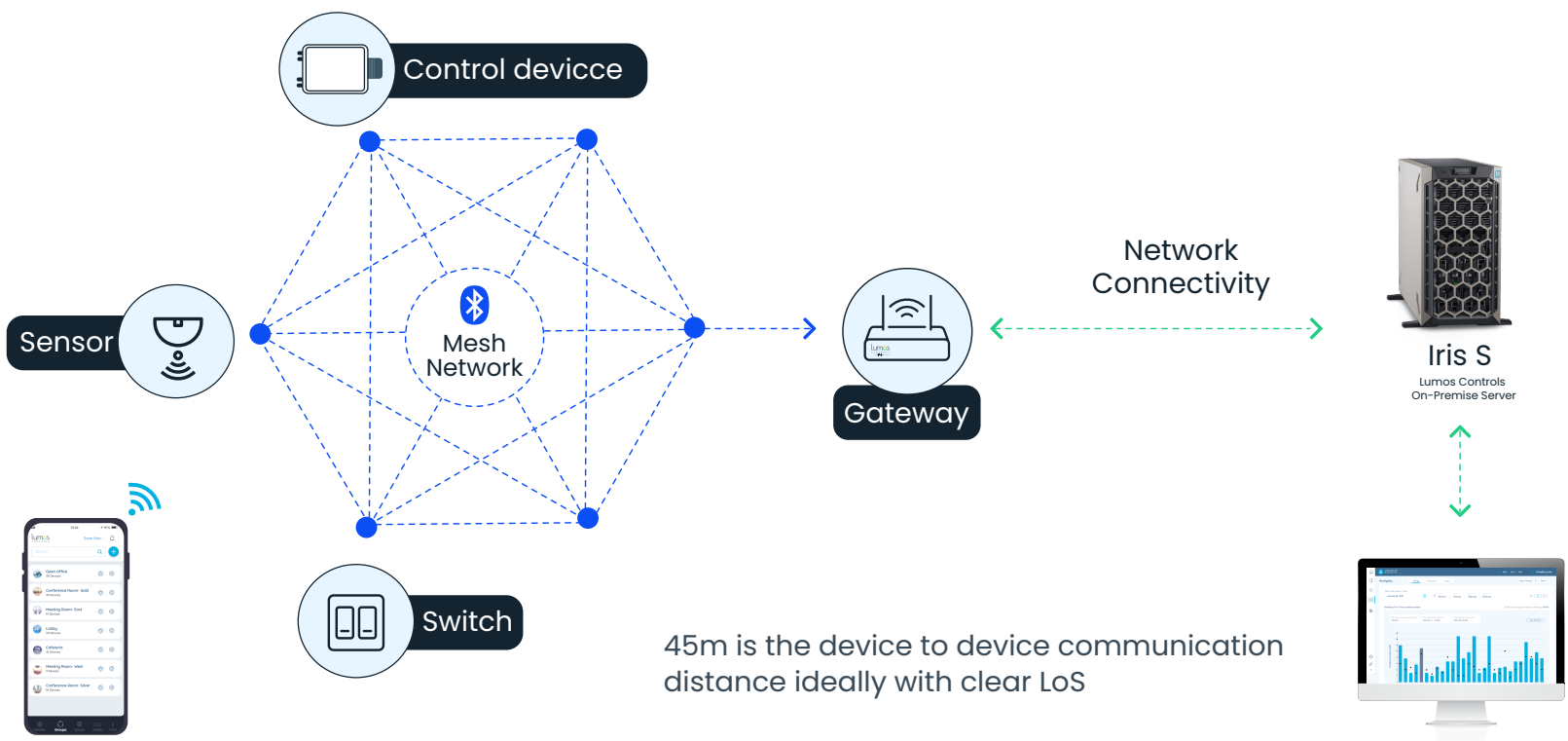
- **Data Security:** Complete control over data within the premises, enhancing security.
- **Internet Independence:** Functionality remains unaffected even in the absence of internet connectivity.
- **Reliability and Performance:** Predictable performance and minimal downtime.
- **Comprehensive Control:** All Lumos Controls features accessible locally, ensuring uninterrupted operation.

Hardware Specifications

The On-premise server is supplied with the following standard configurations

Features	Technical Specification
Processor	Intel® Xeon® Silver 4310R 2.1G
Cores/Threads	12 cores/24 threads
Speed	2.1 GHz
Cache	18 MB
Turbo Boost	Yes
Hyper-Threading (HT)	Yes
Power Consumption	120 W
Memory	DDR4-2666 16 DIMMS
Memory Type	DDR4
Memory Speed	2666 MHz
Number of DIMM Slots	16
Sizing	Tower form factor
Drive Storage	1 X 960 GB SSD
RAID Controller	PERC H750 Adapter with 8GB Cache
Power Supply	800W
Redundant Power Supply (RPS)	Yes

Smart Ecosystem



Ordering Information

Product Name	Product Code	Product Description
Iris S	WEAWE-OS	Lumos Controls On-Premise Server