IP Room Controller

High-Performance Wireless Hospitality Controller

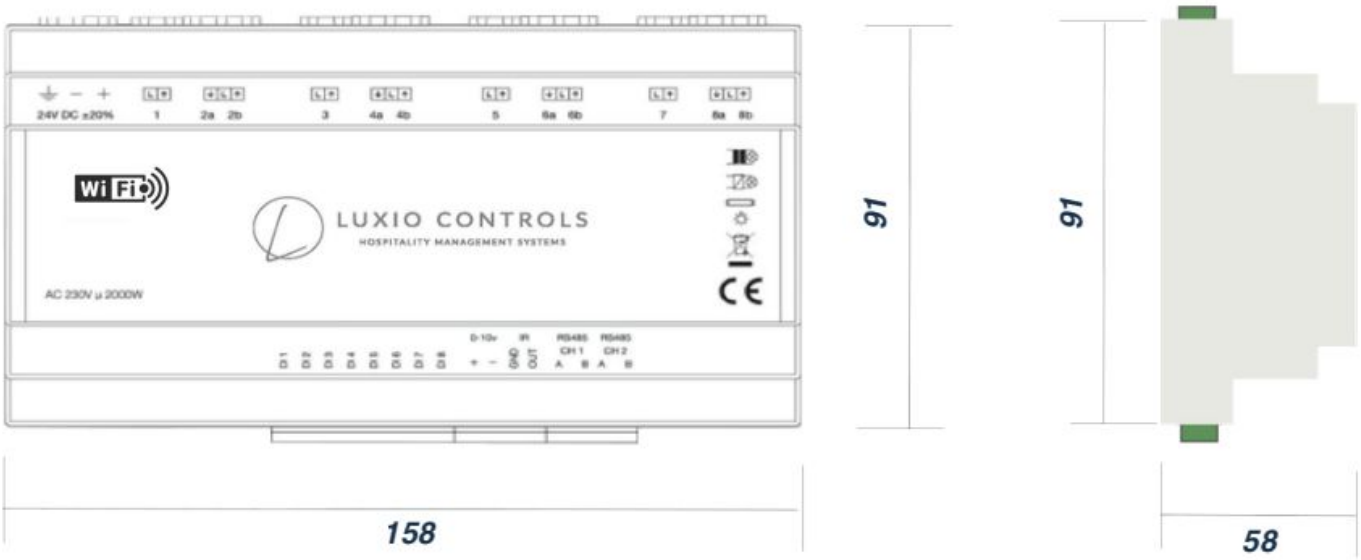
LX-MCR8-WIFI



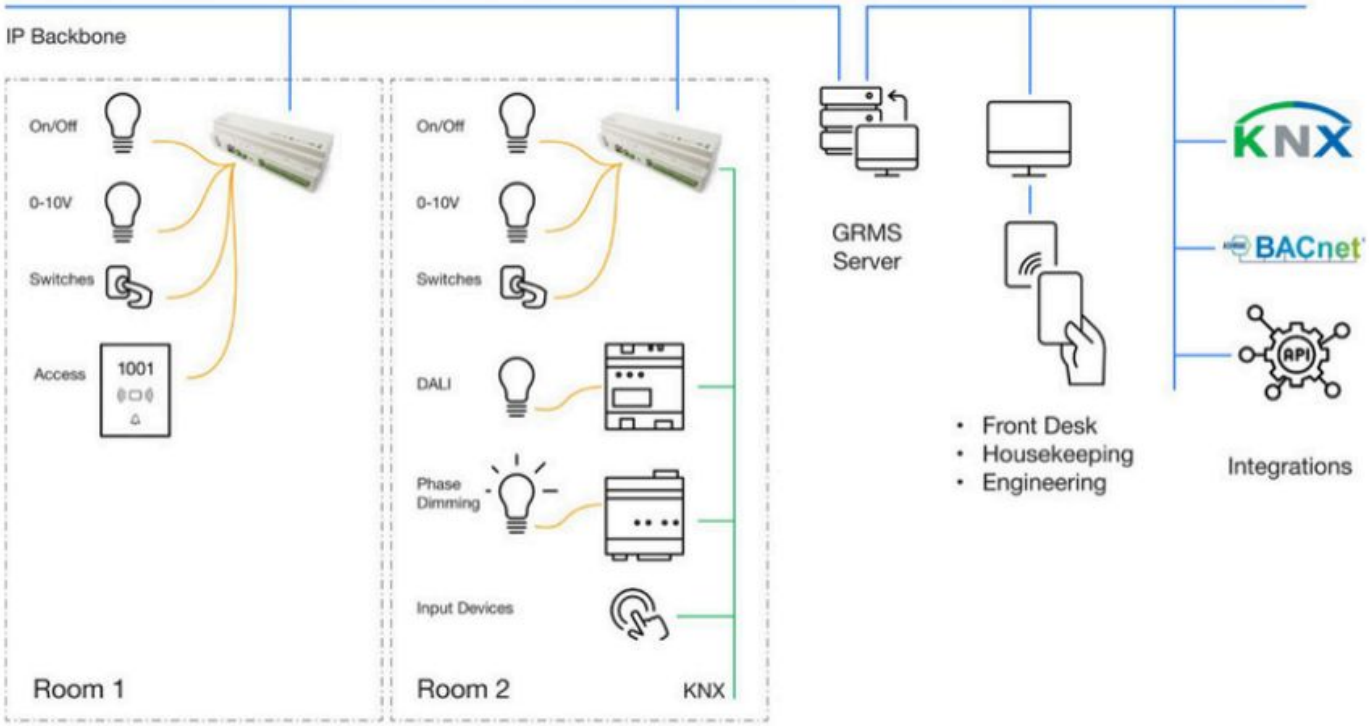
Power intelligent hotel room automation with the Luxio Controls LX-MCR8-WIFI. Designed as a compact and powerful GRMS controller, it combines Wi-Fi connectivity, RS485 communication, relay outputs, digital inputs, analog control, and built-in infrared functionality to deliver flexible, reliable, and efficient control of lighting, HVAC, curtains, and other in-room systems.

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Dimensions
(in mm)



Simple, Modern and Open System



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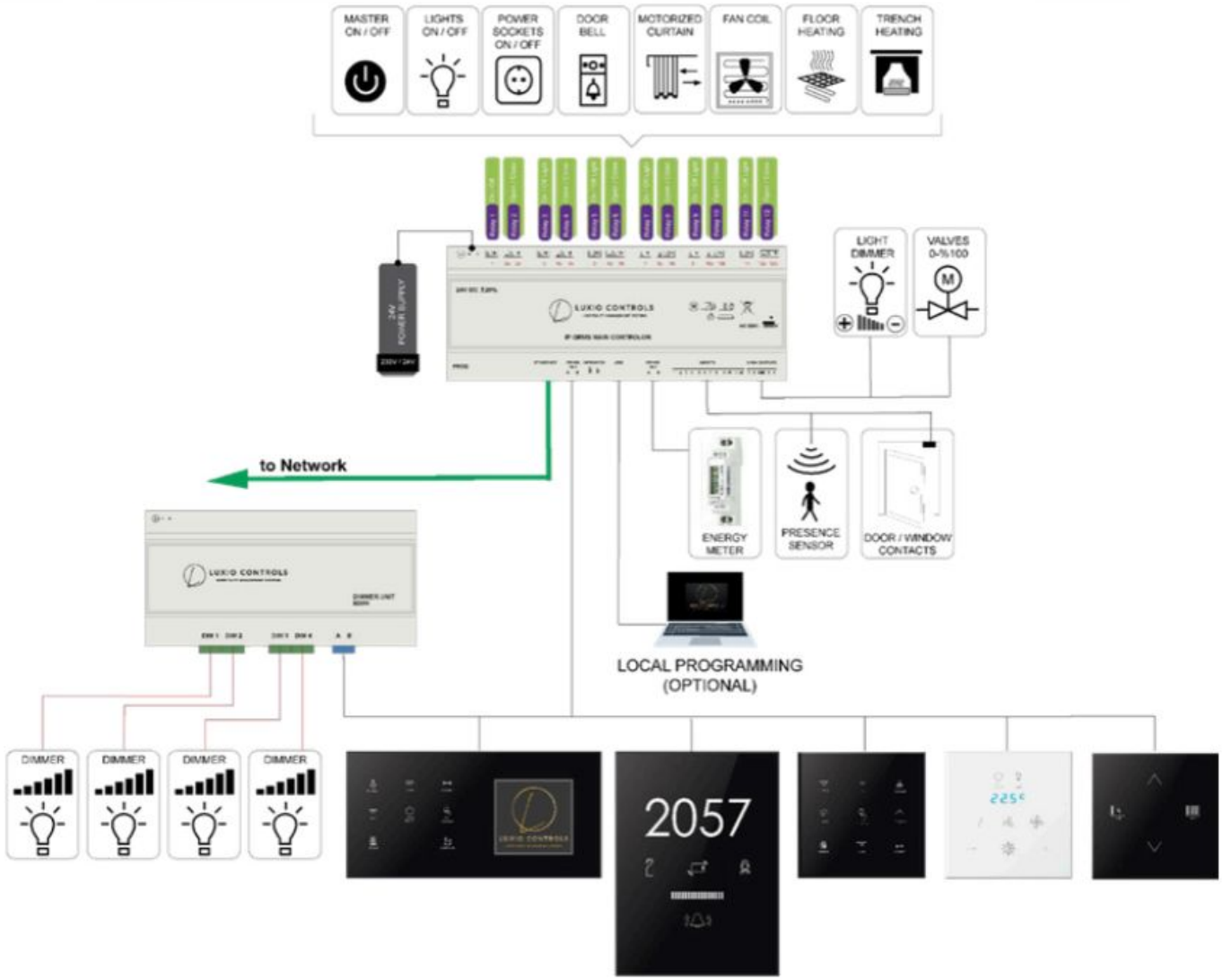
About the Product

Luxio LX-MCR8 Wireless controller is an alternative brain for the GRMS with smaller size (9 DIN rail Modules) and full Wireless Capabilities. LX-MCR8 WIFI is having in fact Wi-Fi embedded technologies. Same RS485 bus of the IP 12 Controller is used to connect all smart in-room peripherals like touch points (light and curtains control panels) and thermostats. It has on board 8 Power Relays and multiple Digital Inputs and an analog output, all of the freely programmable in terms of logic and complex scenarios + embedded IR output to control directly Splitters.

Technical Specifications

Parameter	Value
Product Name	LX-MCR8 WIFI
Power Supply	DC 24V ± 20% 0.5A
Relay Outputs	8 (4 normally open, 4 normally open and close)
Relay Rating	16A per channel
Digital Inputs	8
Analog Outputs	1x 0-10V
Network	1x 10/100 Ethernet port Optional
KNX	Built In
Infrared Control	USB Port
USB Port	NA
RS-485 Interface	2x independent ports, up to 8 devices on each port
Operating Temperature Range	0 °C - +45 °C
Storage & Transportation Temperature Range	-10 °C - +70 °C
Maximum Humidity Level	90%
Case Material & Mounting Type	ABS V0 flame retardant - DIN Rail mountable
Dimensions (W x H x D)	158 x 91 x 58 mm
Protection Level	IP20, for indoor use only
Network	802.11 b/g/n, Bluetooth v4.2 BR/EDR and Bluetooth LE specification

Wiring Diagram and Functions



About Luxio Controls

Luxiospecializes in hotel automation solutions for both the retrofit and new-build markets. We use state-of-the-art technologies to increase the energy efficiency of hotel rooms and the pro- ductivity of hotel staff by streamlining operating processes. Our products have been developed for the hotel industry.

Luxio typically saves hoteliers an average of up to 40% in energy costs and 30% on staff count per property. Luxio is known to increase guest satisfaction, which is positively reflected in online guest reviews. According to a US Environmental Protection Agency calculation, installing one Luxio Room Kit is equal to planting 535 trees.

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