

Wireless Gateway V2



The Syncromesh Wireless Gateway V2 connects up to 350 Syncromesh wireless endpoints to a Syncromesh system.



FEATURES

MQTT Client Built in

MQTT is an OASIS standard for IoT connectivity. It is a publish/subscribe, extremely simple and lightweight messaging protocol.

Microsoft Azure Certified

Azure Sphere protects customer data, privacy, physical safety, and infrastructure, providing a turnkey security solution for IoT devices across hardware, software and cloud.

Retrofit Friendly

Install DALI lighting control systems into existing buildings with minimal disruption to the tenant, without running DALI cables.

Lower Cost Project Variations

Easily add or remove lighting control project variations, after or during installation with little labour impact.

Eliminate Costs

DALI ballasts can be replaced without reprogramming DALI components.





DIMENSIONS

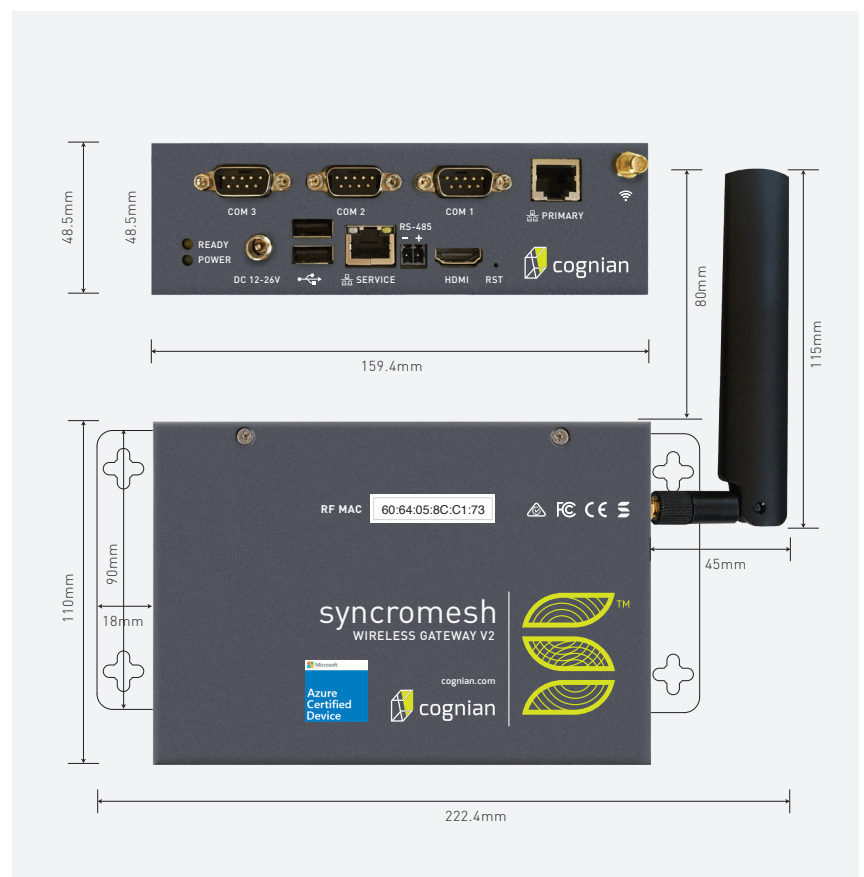
159.4 mm W x 110mm H x 48.5 mm D

222.4 mm W x 190 mm H x 48.5mm D
(with antenna)

222.4 mm W x 190 mm H x 5.2mm D
(with antenna and wall mount brackets)

LED STATUS COLOUR KEY:

-  POWER LED GREEN Syncromesh Gateway is powered.
-  READY LED AMBER Fast flashes during boot process.
-  READY LED AMBER Solid on when device is ready.
-  READY LED OFF Indicates a fault condition.



SPECIFICATION

Wireless Gateway




**Azure
Certified
Device**

ELECTRICAL

Supply Voltage	DC-12-26V 800MA
Connector	DC Power Connector with Screw Lock

INTERFACES

 Syncromesh Wireless	2.4 GHz ISM Band Remote antenna compatible
WiFi	2.4 GHz WiFi (Not Used Currently)
Serial	3xDB9 RS-232 (1x Phoenix RS-485 Not Used Currently)
HDMI	Type A Female (Not Used Currently)
USB	Type A Female (Special Use Only)
Ethernet	GLAN & 10/100LAN RJ45

COMPATIBILITY

Automation Controllers	Schneider NAC / SHAC
Syncromesh Field Devices	WDI, WDI V2, WRI V2, WZI, WBI
MQTT	The Standard for IoT Messaging Contact Cognian for the full MQTT Specification
DALI	DALI and DALI 2 Lights DALI 2 Switches and Sensors Compatible
Microsoft Azure Certified	Integrate with the Azure Platform

PHYSICAL

W x H x D	159.4 x 110 x 48.5 mm
W x H x D (+ Antenna + Bracket)	222.4 x 190 x 5.2mm
Mounting	Din or Wall Mount Supplied
	Not Standard DIN Sizing
Casing	Metal
Aerial	External SMA

ENVIRONMENT

Operating Temperature	0-60°C
IP Rating	IP20

COMPLIANCE

RCM	
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Due to continuous improvements and innovations, specifications may change without notice.

