Product sheet

Ethernet Gateway

Making buildings smart

Description

The Mymesh network is connected with the Mymesh Ethernet Gateway to the Mymesh Edge cloud server and the Mymesh Management System (MMS) for various optional software subscriptions, remote network diagnostics and remote support by Mymesh.

The Mymesh Ethernet Gateway enables the transfer of asset management data between a Mymesh wireless network and a third party back-office application.

Technical summary

The Mymesh wireless network uses the 2.4GHz ISM band and communicates with a back office via an Ethernet gateway (REST API cloud interface available).

Last but not least, the Mymesh network is multi-purpose and future proof with regard to smart building developments.

Easy Installation & commissioning

The Mymesh Ethernet Gateway is easy to install due to the practical and flat design.

Join a local Ethernet network or use a 4G modem to connect the Ethernet Gateway to the Mymesh Edge cloud server.

Network features

- Wireless, stand-alone network that is self-organizing and self-healing
- 2.4GHz communication for reliable data transfer
- Secure by design
- Ultra scalable to > 10,000 devices in one network
- Updates and new functionality can be installed with Over-The-Air updates.
- Cloud interface (REST API) available to connect with Building Automation Systems, dashboards, user apps and more.

Optional

- Connect to the Mymesh Management System for remote control, monitoring and management applications
- Connect to the Building Automation System for seamless integration with the buildings technical installations
- Connect to third party dashboards and apps

This product sheet is subject to change without notice.

Device Information

Connections

Power Supply	Single phase 230VAC (+/- 10% 50Hz)
Power connector	Standard IEC Power connector (C8 inlet)
Ethernet	Ethernet RJ-45 connector

Protection degree

Ethernet gateway	IP20

Order information

Ethernet gateway	BLC.4840.001
Ethernet gateway (UK)	BLC.4841.001

Energy Consumption

Typical	1.2W
Minimal	0.8 W
Maximum	3.0 W

Environment

Operating Temp.	-25˚ to + 70˚C
Relative Humidity	10% to 90%
Installation Height	Max. 2000m above sea level

Certification

ETSI EN 300 440

ETSI EN 301 489-01/03

EN 62368-1

RED / CE / UKCA

Housing

LxWxH	150 x 100 x 30 mm
Material	ABC (UL94V-0)
Colour	Off-White

Radio

Band	2.4GHz ISM band