

SYMPHOLIGHT Gateway BACnet



e:cue SYMPHOLIGHT Gateway BACnet

The SYMPHOLIGHT Gateway BACnet is an MQTT to BACnet interface. It converts data from the lighting management system SYMPHOLIGHT into the building management system compliant format. Forward e.g. movement and brightness information and to process it smartly in the building management system.

With the integrated web interface, you can configure the SYMPHOLIGHT Gateway using a web browser, save the configuration and call up statistics and documentation. That makes configuring the devices significantly easier, allowing them to be commissioned more quickly. The web interface also enables the use of different upgrade options of the gateway, such as activation on up to 2,500 data points.

Highlights

- Converting SYMPHOLIGHT’s MQTT to BACnet
- Forwarding of any data from SYMPHOLIGHT via MQTT, e.g. brightness and color information, sensor, energy and luminaire information (RDM, DALI)
- Available with 25, 500 or 2500 data points (1 data point corresponds to one unidirectional piece of information from SYMPHOLIGHT)
- Automation functions (alarms, trend log recording and scheduling) on a data point basis
- Reporting of system status, sequence information and failures
- Web interface for configuration
- Fast import of large data point configuration via Excel file
- BACnet/SC - Encrypted transmission via BACnet standard 22
- Incl. SYMPHOLIGHT license for transmission of MQTT data

Delivery scope

Identcode

- e:cue SYMPHOLIGHT Gateway BACnet:
 - 25 data points AM476230031
 - 500 data points AM476240031
 - 2,500 data points AM476250031

e:cue Interfaces

Lighting applications are heterogenous by nature. e:cue interfaces serve to integrate many networks, protocols and third party products into e:cue solutions. They also aid in applying special control functions for fixtures, they integrate analog or mechanical signaling into the digital world and offer bridging functions. e:cue interfaces are the links to bring together the many techniques and technologies of lighting control.

- Safety instructions
- Welcome note
- 2-pin Power terminal plug

Optional accessories

- Power supply 15W 24V DIN rail AM1884100HA

Product specifications

Dimensions (W x H x D)	31 x 100 x 65 mm / 1.22 x 3.94 x 2.56 in (excl. fastening clip)
Weight	250 g / 0.55 lb
Power supply input	12 ... 24 V DC or AC
Power consumption	1.7 W
Operating temperature	0 ... 40 °C / 32 ... 104 °F
Storage temperature	0 ... 40 °C / 32 ... 104 °F
Operating / storage humidity	20 ... 80% RH, non-condensing
Protection class	IP20
Housing	metal
Mounting	on 35 mm DIN rail (EN 60715)
Certificates	CE, UKCA

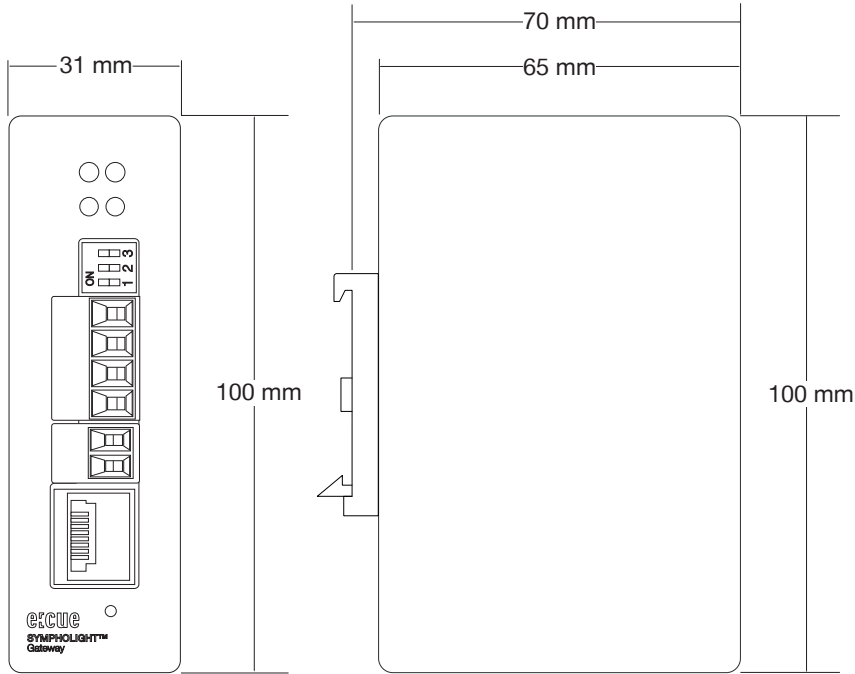
Interface specifications

Power interface	Power supply on 2-pin terminal plug V + : 12 ... 24 V DC or AC V - : GND or 12 ... 24 V AC wire gauge: 0.2 - 1.3 mm ²
Ethernet-Port	1 x Ethernet 10/100 Mbit/s, RJ45
User interfaces	LEDs for Ethernet activity and device status; Reset button; web interface for configuration

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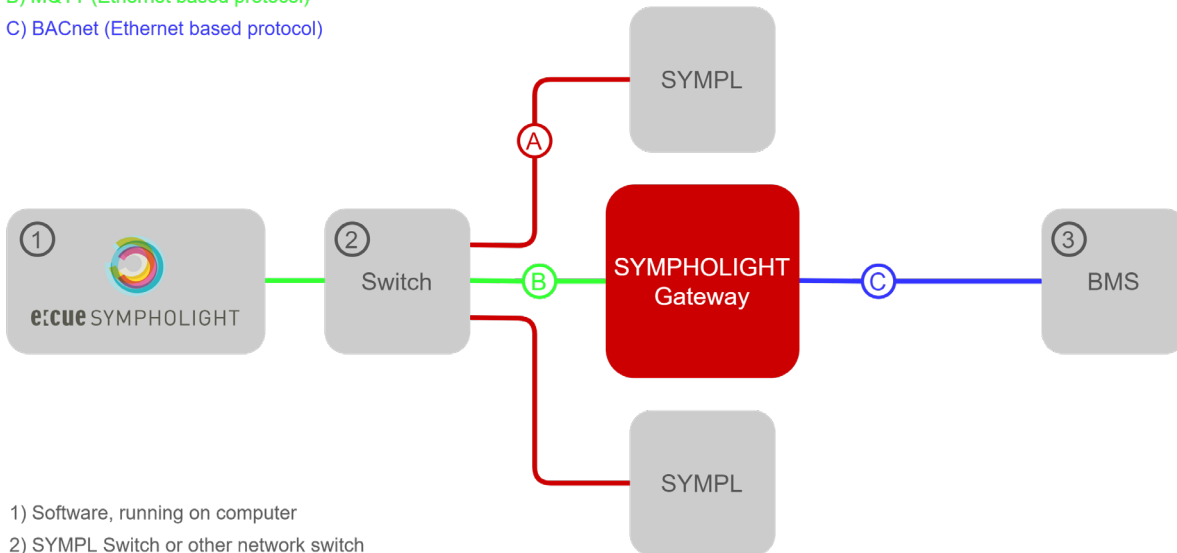
Dimensions

All measures in mm



System diagram

- A) e:net (Ethernet based protocol)
- B) MQTT (Ethernet based protocol)
- C) BACnet (Ethernet based protocol)



- 1) Software, running on computer
- 2) SYMPL Switch or other network switch
- 3) Building-Management-System