EG2-S

iLight Network - Ethernet Gateway

Key Features

- Connects iLight's iCANnet™ network Ethernet/LAN
- Configurable IP address
- Facilitates Ethernet connection into iCANnet™
- Scheduled events with time clock supporting multiple time zones, regional daylight savings and NTP if required.
- iCAN network bridging over IP
- Connection for commissioning and monitoring of an iCAN network
- CE & UKCA compliant to all relevant standards
- Designed and manufactured to ISO9001 standard

Overview

The EG2-S provides Ethernet connectivity to the iCAN network for integration into our software services as well as providing a dedicated iLight API for higher complexity data integration.

The EG2-S incorporates an intelligent bridge function which allows multiple systems to be joined over a secure Ethernet network opening up the capabilities of the iCAN system to cover multi-campus installations across the globe giving building and business owners connectivity to there systems from anywhere in the world.

Mechanical Data

Weight: 0.22 kg

Operating temperature: +2ºC to +50ºC

Max storage temperature: +60ºC

Ambient temperature: 2°C − 50°C

Relative humidity: 5% - 95% max, non-condensing

IP rating: IP20

Note: All enclosures must be adequately ventilated

Electrical Data
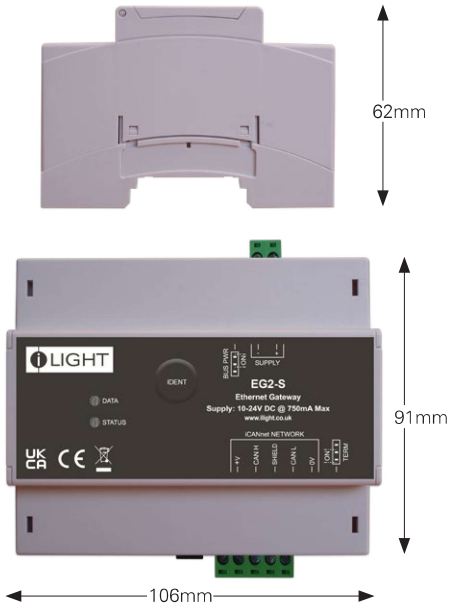
Control: Via iLight network connection

Supply: +10 - 24V DC @ 750 mA Max via external power supply or from iCANnet™

Terminal Size: iCANnet™ cable size: 5 x 1mm^2
Power cable size: 2 x 1mm^2

Recommended Cable: iCANnet™ Network Cable

Installation: Installation must be carried out by a suitably qualified electrician and installed in a suitable DINrail enclosure.
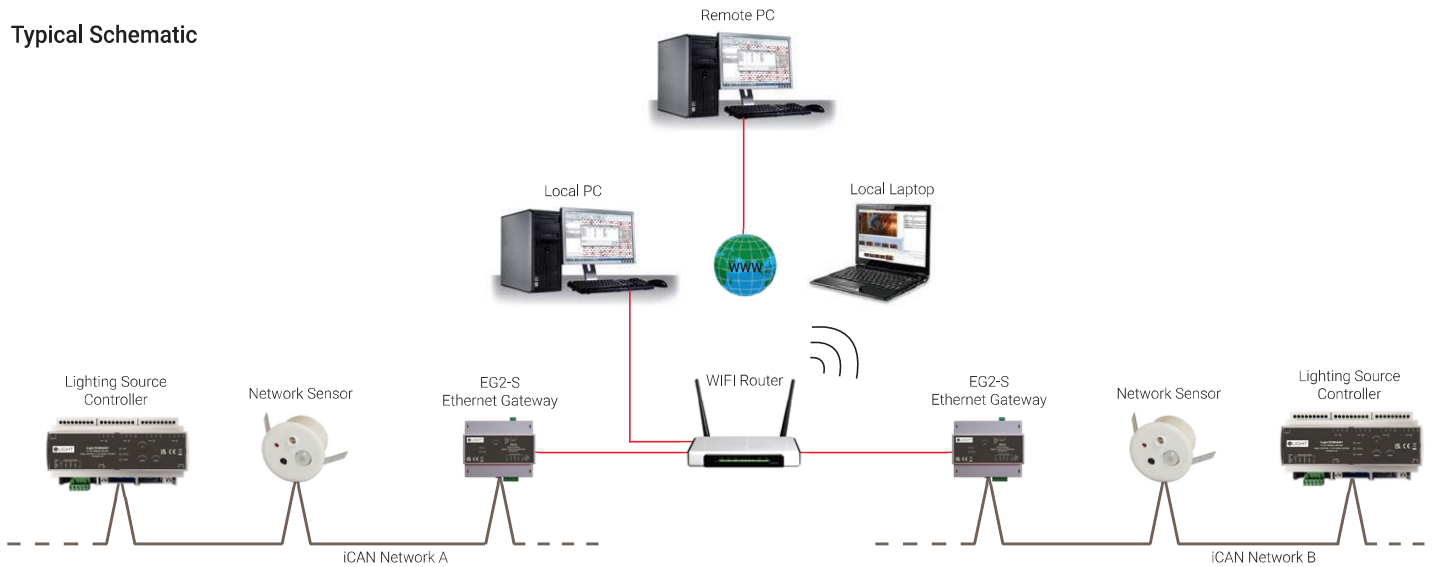
Dimensions

62mm

91mm

106mm

Software

For programming EG2-S, Device Editor software is required. Please consult your iLight representative for latest versions.

Typical Schematic

Remote PC

Local PC

Local Laptop

www

Lighting Source Controller

Network Sensor

EG2-S Ethernet Gateway

WIFI Router

EG2-S Ethernet Gateway

Network Sensor

Lighting Source Controller

iCAN Network A

iCAN Network B

UK CA

CE

bsi
ISO 9001
Quality
Management
Systems
CERTIFIED
FM 727924