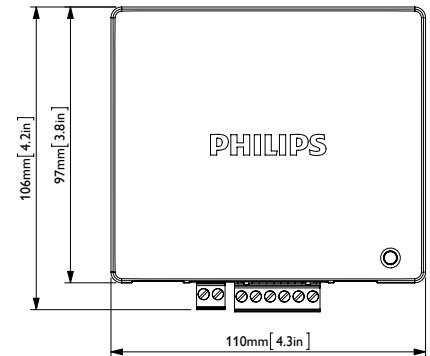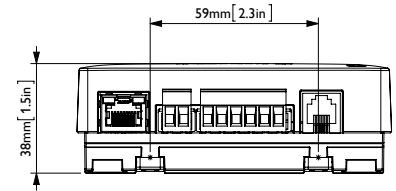# EnvisionGateway 10/100 BaseT Gateway
Multipurpose Ethernet connection

EnvisionGateway provides a multipurpose Ethernet connection to a Philips lighting control system. It supports access to both the home or office lighting via a dedicated Philips app as well as providing a web interface delivering access to the inbuilt timeclock and schedule editor functions. It provides bridging functionality between Ethernet backbone and the DyNet fieldbus devices.

- **Large storage capacity** — The device stores large project files internally, which apps use to autoconfigure their settings. This saves configuration time and ensures accuracy for phone and tablet control.

- **Inbuilt web server** — Allows the user to check system settings via the Network Hardware Checker and System Roll Call tools.

- **No technical skills needed** — Inbuilt timeclock and schedule manager allow the user to manage operation and task scheduling without advanced technical knowledge.

- **Powerful custom task engine** — Allows users or third-party systems to run macros, such as 'After Hours', 'Shut Down', 'Welcome' and more.

- **Advanced interoperability** — Supports management of Philips Dynalite and LightMaster-IP fittings on a single system.
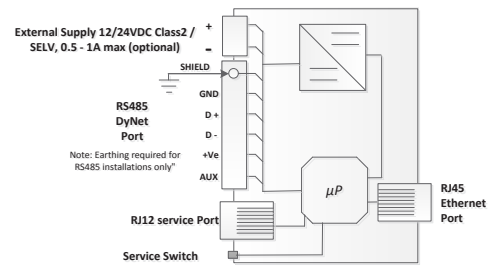
For detailed product information, please refer to the product information pages at www.philips.com/dynalite and follow the links.

59mm [2.3in]

38mm [1.5in]

106mm [4.2in]

97mm [3.8in]

PHILIPS

110mm [4.3in]

PHILIPS

dynalite

Specifications

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

Item	Specification	Details
Electrical	Dual supply option	12 / 24 VDC from an external regulated SELV / Class 2 power supply. Max 100 mA @ 12 V plus DyNet load, max 50 mA @ 24 V plus DyNet load **or**; 12 / 24 VDC from DyNet (no external PS connected). Max 100 mA @ 12 V, max 50 mA @ 24 V
	DyNet DC Supply	Max 200 mA contribution to the network (when powered from external power supply) Power supply voltage shall match network voltage
Control	Communications Ports	One RS-485 DyNet serial port One 10/100BaseT Ethernet port
	Supported Ethernet Protocols	TCP/IP (TCP, UDP) HTTP, FTP IPv4, IPv6
	Storage Capacity	Max 16 MB for XML file storage 28 day rolling network log
	User Controls	Service switch Service LED Ethernet LED's status
	Diagnostic Functions	Device Online / Offline status
Physical	RS-485 Port Connections	Shield, GND, D-, D+, +Ve, AUX All available on screw terminals 1 x 2.5 mm² conductor size Also available on RJ12 socket
	Ethernet Port Connections	Female RJ45 socket
	Supply Terminals	1 x 2 pole 5 mm pluggable screw terminal (+, -), 1 x 2.5 mm² max conductor size per pole
	Dimensions (H x W x D)	97 mm x 110 mm x 38 mm (3.8" x 4.3" x 1.5")
	Packed Weight	0.21 kg
	Construction	Low profile DIN-rail polycarbonate (6 unit)
	Operating Conditions	Temperature: -5 to 50° C ambient Humdity: 0 to 90% non-condensing
	Storage & Transport	Temperature: -25 to 70° C ambient Humidity: 0 to 90% non-condensing
Certification	Certification	CE, C-Tick, UL, FCC, ICES
Options & Ordering	Standard Product	EnvisionGateway DL-ETHENVG-101 (Philips 12 NC - 913703013809)

Electrical Diagram

External Supply 12/24VDC Class2 / SELV, 0.5 - 1A max (optional) + −

SHIELD
GND
RS485 DyNet Port
D +
D -
+Ve
Note: Earthing required for RS485 installations only"
AUX

RJ12 service Port

μP

RJ45 Ethernet Port

Service Switch

FC CE ✔