

PDZG-E

Zigbee Gateway



Specification Sheet

Gateways > Network Gateways



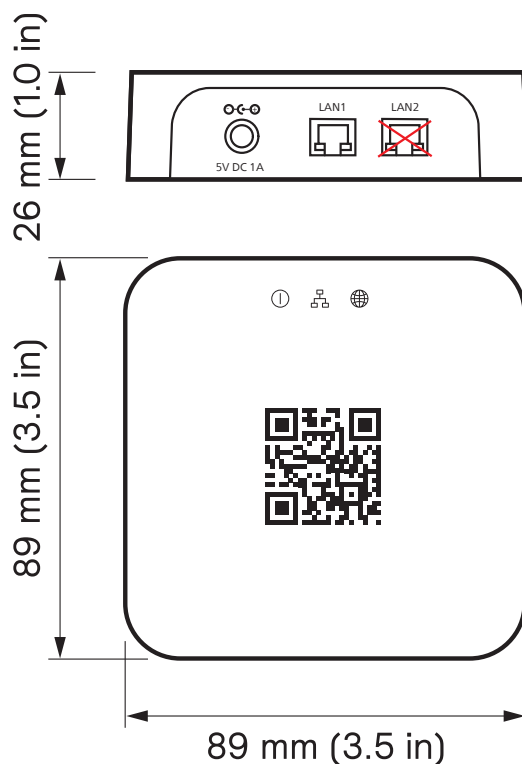
Reliable wireless lighting control

This wireless communication hub translates between Ethernet and Zigbee, connecting multiple Zigbee nodes (compatible luminaires and/or wireless signal dimming controllers) to the Dynalite control system.

Key Features

- **Zigbee 3.0 wireless communication** – Seamlessly integrate wireless lighting control into the Dyalite system.
- **Wireless mesh network** – Ensures stable and robust lighting control in busy environments.
- **Fully compatible with the Dyalite portfolio** – Enable wireless control via Ethernet from any interface, sensor, or task/schedule host device connected to the Dyalite system.
- **Compatible with Interact-Ready luminaires** – Including WIA and MasterConnect Zigbee lamps and drivers.
- **Compatible with Philips Hue** – Add lamps, lightstrips, and smart plugs to your residential projects (no Hue Bridge required).
- **Wall mount bracket included** – Easy to mount on any wall type.

Dimensions



Specifications

Electrical	
Power Supply Input	100-240 VAC @ 0.3 A, 50/60 Hz
Power Supply Output	5 VDC @ 1 A SELV / Class 2 (UL)
IEC Overvoltage Category	III

Control	
Communication Ports	1 x Ethernet (10/100 baseT) 1 x Zigbee
Supported Protocols	TCP IPv4/IPv6 UDP
User Controls	1 x service button
Indicators	1 x power LED 1 x network LED

Wireless Connectivity	
Maximum Mesh Network Gap	10 m

Physical	
Dimensions	89 x 89 x 26 mm (3.50 x 3.50 x 1.02 in)
Mounting Bracket (H x W x D)	97 x 97 x 34 mm (3.82 x 3.82 x 1.34 in)
Net Weight	95 g (0.21 lb) (including bracket)
Construction	ABS
Colour	RAL9003 (White)
Communication Ports	1 x RJ45 (LAN2 port inactive)
Supply Terminals	1 x DC plug 5.5 mm (0.22 in) (Centre positive)
Included Plug Types	A, B, C, G

Environment	
Operating Temperature	-20° to 45°C ambient (-4° to 113°F)
Storage/Transport Temperature	-40° to 80°C ambient (-40° to 176°F)
Relative Humidity	≤80% non-condensing (operating) ≤90% non-condensing (storage)
IEC Pollution Degree	II
Installation Note	For indoor installation only

Compliance	
Certifications	CE, RCM, UL/cUL, FCC, UKCA, RoHS



Ordering Codes

Product	12NC
PDZG-E	913703372109

Policies and Notices

Specific Data Notice

This Specific Data Notice applies to the Controllers as specified in this product specification sheet (the "**Controller**") that is part of or works with a Professional System offered by Signify for use in the European Union and supplements and/or corrects the Generic Data Notice For Professional Systems and Services that can be found at <https://www.signify.com/global/resources/policies-announcements> (the "**Generic Data Notice**") by providing additional and/or more specific details specific to this Controller.

Terms starting with a capital in this Specific Data Notice will have the meaning as attributed thereto in the Generic Data Notice, unless explicitly defined otherwise in this document.

When used in a Signify professional lighting system in combination with a Dynalite Gateway with either the Dynalite Switch App, Dynalite System Builder, Dynalite System Manager, or Dynalite Cloud, the Controller can generate the Data as specified below:

- Operational Data: Lighting control commands based on sensor events in the wireless network as configured in this product via the DyNet network.
- Sensor Data: Lux level from capable wireless sensors in the Zigbee network.

The type and volume and format of Data that is generated depends on the actual devices used in the wireless network, the product and/or software configuration. For further details on data generation capabilities of such devices, please check the product specification sheets of such devices.

The Data generated in this combination is communicated via the network to the gateway and is stored on the gateway. If configured to do so, the gateway can forward the Data to Dynalite Cloud or to Dynalite System Manager. For applicable retention period and means of access to Data that is Readily Available Data, please refer to the Dynalite Cloud software specification sheet. Data cannot be accessed directly from the Controller. Data can be accessed from the Gateway using Dynalite System Builder or directly from any of the APIs of the Gateway. The Gateway will persist the Data for 28 days on a rolling basis.

This Specific Data Notice may be changed by Signify from time to time. The current version of this notice will apply and can be obtained at request via the point of contact as indicated in paragraph 7 of the Generic Data Notice.