



Fortinet Gigabit PoE Injector

GPI-145

QuickStart Guide

The Essentials

Fortinet Documents Library

For a detailed Administration Guide, up-to-date Hardware documentation and Reference Manuals, visit <https://docs.fortinet.com/>

Customer Service

For contracts, licensing, product registration and account management, contact FortiCare Support at <https://www.fortinet.com/support/contact>

Technical Support

To access our Resource Center, Professional Services and Technical Support Services, visit <https://www.fortinet.com/support>

Thank you for choosing Fortinet



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Package Contents

Fortinet GPI-145 PoE Injector
GPI-145

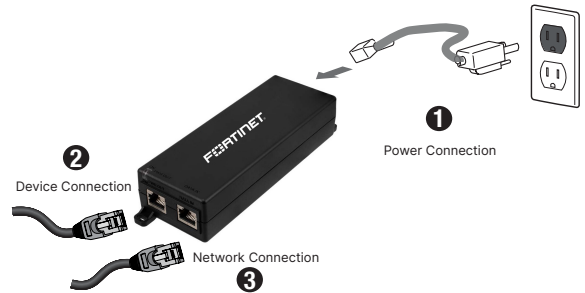


1x GPI-145



1x Power Cable

Installation

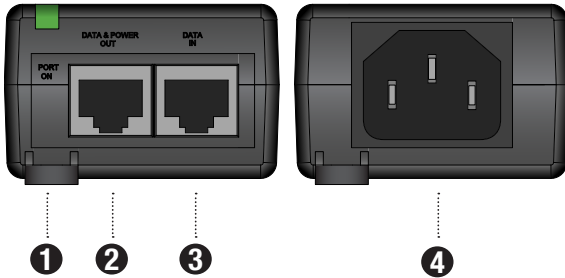


Caution: Do not use a cross-over Ethernet cable

Warning: Keep the GPI-145 away from excessive heat, moisture and humidity. Ensure the GPI-145 remains free from dust and vibration. Do not cover or block the airflow

Note: There is no power switch on the GPI-145

Ports



1 PORT LED

■ **Amber:** PoE Injector is on

⚡ **Flashing Amber:** Voltage error

■ **Blue:** Device is connected (PoE over 2P)

⚡ **Flashing Blue:** Error detected

■ **Green:** Device is connected (PoE over 4P)

⚡ **Flashing Green:** Error detected

2 DATA & POWER OUT (RJ-45)

Data Rate: 10/100/1000 Mbps, 2.5/5/10 Gbps

PoE Output: 55V DC Nominal, 60W Max

Data Pairs: 1/2 (-), 3/6 (+)

Spare Pairs: 7/8 (-), 4/5 (+)

3 DATA IN (RJ45)

4 Power Input 100 to 240V AC, 1.5A@100V AC, 50/60Hz

Note: The GPI-145 complies with 802.3bt Type 3 and is backwards compatible with 802.3af/at

Cautions and Warnings

Environmental Specifications

Ambient operating temperature: 0°C to 40°C

Refer to specific Product Model Data Sheet for Environmental Specifications (Operating Temperature, Storage Temperature, Humidity, and Altitude).

Référez à la Fiche Technique de ce produit pour les caractéristiques environnementales (Température de fonctionnement, température de stockage, humidité et l'altitude).

Safety

Associated Ethernet wiring shall be limited to inside the building.

Installation and removal of the PoE Midspan must be carried out by qualified personnel only.

Connect the PoE Midspan to a grounded AC outlet (100-240VAC), using a standard power cord with ground (chassis) connection.

Regulatory Notices

Federal Communication Commission (FCC) – USA

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received; including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if it is not installed and used in accordance with the instruction manual, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

WARNING: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

European Conformity (CE) - EU

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.



Product Safety Electrical Appliance & Material (PSE) – Japan

日本では電気用品安全法(PSE)の規定により、同梱している電源コードは本製品の専用電源コードとして利用し、他の製品に使用しないでください。

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