



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



April 21, 2023

Copyright© 2023 Fortinet, Inc. All rights reserved. Fortinet®, FortiGate®, FortiCare® and FortiGuard®, and certain other marks are registered trademarks of Fortinet, Inc., in the U.S. and other jurisdictions, and other Fortinet names herein may also be registered and/or common law trademarks of Fortinet. All other product or company names may be trademarks of their respective owners. Performance and other metrics contained herein were attained in internal lab tests under ideal conditions, and actual performance and other results may vary. Network variables, different network environments and other conditions may affect performance results. Nothing herein represents any binding commitment by Fortinet, and Fortinet disclaims all warranties, whether express or implied, except to the extent Fortinet enters a binding written contract, signed by Fortinet's General Counsel, with a purchaser that expressly warrants that the identified product will perform according to certain expressly-identified performance metrics and, in such event, only the specific performance metrics expressly identified in such binding written contract shall be binding on Fortinet. For absolute clarity, any such warranty will be limited to performance in the same ideal conditions as in Fortinet's internal lab tests. In no event does Fortinet make any commitment related to future deliverables, features or development, and circumstances may change such that any forward-looking statements herein are not accurate. Fortinet disclaims in full any covenants, representations, and guarantees pursuant hereto, whether express or implied. Fortinet reserves the right to change, modify, transfer, or otherwise revise this publication without notice, and the most current version of the publication shall be applicable.

For Product License Agreement / EULA and Warranty Terms, visit:
<https://www.fortinet.com/content/dam/fortinet/assets/legal/EULA.pdf>

Package Contents

Fortinet GPI-145 PoE Injector

GPI-145

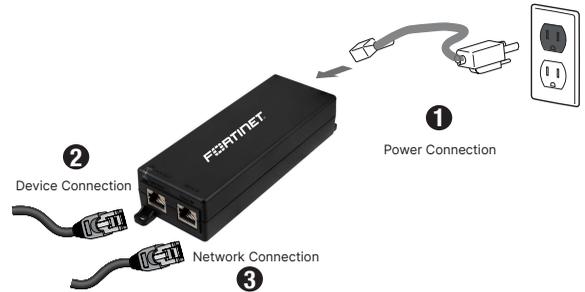


1x GPI-145



1x Power Cable

Installation

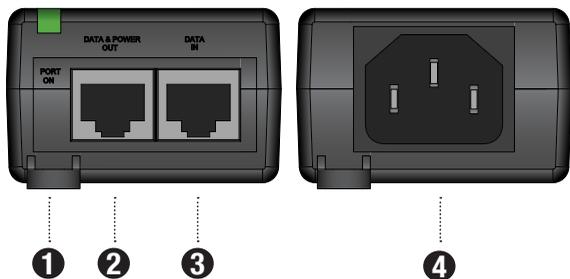


Caution: Do not use a cross-over Ethernet cable

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

-  **Green:** Device is connected
-  **Flashing Green:** Error detected
-  **Amber:** PoE Injector is on

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 must 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.



FORTINET[®]

[Fortinet.com](https://www.fortinet.com)