



GPI-115

Gigabit PoE Injector



GPI-115

Gigabit PoE Injector

Remote power feeding made easy

The single port GPI-115 Power over Ethernet (PoE) injector offers a compact and cost-effective, fully IEEE 802.3af-compliant solution for FortiAP™ wireless access point family and other 802.3af-compliant devices. It delivers single-port, mid-span, with 15.4 Watts of Gigabit Ethernet (GE) PoE, giving you maximum deployment flexibility.

The advantage of mid-span power

The GPI-115 mid-span injector works with legacy network devices and thus eliminates the need to forklift upgrade installed switches. Moreover the GPI-115 operates in High Availability configuration by connecting to an existing Ethernet switch Uninterruptable Power Supply (UPS) or alternatively to its own dedicated UPS.

Remotely power wireless LAN access points

The GPI-115 PoE injector makes installing FortiAP access points easy and economical. It allows you to place the FortiAP access point at its optimal location by eliminating the need for an AC power outlet in a ceiling or wall. The GPI-115 injects 48V DC power directly into the same GE cable that carries the Ethernet traffic, avoiding installation of additional cabling.

With the GPI-115, you have the freedom to deploy Fortinet's secure wireless solution anywhere in your facility. It allows you to take advantage of the wireless controller feature in every FortiGate® consolidated security platform. Its plug-and-play capabilities enable rapid deployment of your wireless infrastructure, accelerating the deployment of secure wireless access.

Key features

- Power distribution for FortiAP access points
- 48V DC power for 802.3af standard and pre-standard end-terminals
- Ideal for low density distributed retail and branch locations
- Support for Fast Ethernet and GE data transmissions

Key benefits

- Safe powering of FortiAP access points
- Economical switch substitute for PoE in small deployments
- Plug and Play saves time and reduces costs
- Protects investment by working in legacy networks

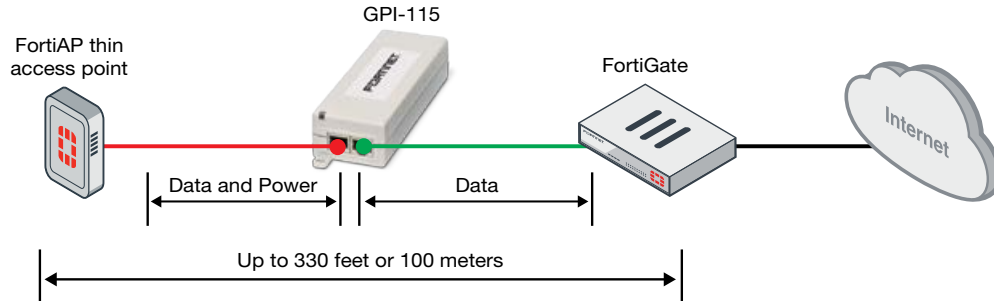


DEPLOYMENT

Leading auto-sensing algorithm

The GPI-115 utilizes an intelligent design to automatically supply power to only those devices that can accept 802.3af power over

the Ethernet connection. It ensures that non-802.3af units such as legacy NICs can continue to operate.



SPECIFICATIONS

GPI-115	
Hardware Specifications	
Number of Ports	2 — 1 for data in, 1 for data and power out
Pass-through Data Rates	10/100/1000 Mbps
Maximum Cable Run	100 meters or 330 feet which corresponds to Ethernet limits
LED Indicator	Power On/Off and overload conditions
Connectors	Shielded RJ-45, EIA 568A and 568B
MTBF	100,000 hrs. @25°C
Environment	
Power over Ethernet Output	Pin Assignment and Polarity: 4/5 (+), 7/8 (-) Output Power Voltage: 50V DC Output Power: 15.4 Watts
Input Power Requirements	AC Input Voltage: 90 to 264V AC AC Input Current: 0.5A @ 100–240V AC AC Frequency: 47–63 Hz
Operating Ambient Temperature	32–104°F (0–40°C)
Storage Temperature	-4–158°F (-20–70°C)
Operating Humidity	Maximum 90%, non-condensing
Storage Humidity	Maximum 95%, non-condensing
Operating Altitude	-1000–10,000 ft. (-304.8–3048 m)
Heat Dissipation	13 BTU/h (@ 240V AC)

GPI-115	
Dimensions	
Height x Width x Length (inches)	1.28 x 2.09 x 5.5
Height x Width x Length (mm)	32.5 x 53 x 140
Weight	0.44 lbs (200 g)
Compliance	
Regulatory Compliance	IEEE 802.3af (PoE), RoHS Compliant, WEEE Compliant, CE
Electromagnetic Emission & Immunity	FCC Part 15, Class B EN 55022 Class B EN 55024, VCCI
Safety	UL/cUL per IEC 60950-1 GS Mark per IEC 60950-1
Warranty	
	1 year

ORDER INFORMATION

Product	SKU	Description
Fortinet Gigabit PoE Injector	GPI-115	1-port Gigabit PoE power injector, 802.3af 15.4 Watts 10/100/1000 (PD-3501).



GLOBAL HEADQUARTERS
Fortinet Inc.
899 Kifer Road
Sunnyvale, CA 94086
United States
Tel: +1.408.235.7700
www.fortinet.com/sales

EMEA SALES OFFICE
905 rue Albert Einstein
Valbonne 06560
Alpes-Maritimes, France
Tel: +33.4.8987.0500

APAC SALES OFFICE
300 Beach Road 20-01
The Concourse
Singapore 199555
Tel: +65.6395.2788

LATIN AMERICA SALES OFFICE
Sawgrass Lakes Center
13450 W. Sunrise Blvd., Suite 430
Sunrise, FL 33323
United States
Tel: +1.954.368.9990