

## Gigabit PoE Injector

PRODUCT DATASHEET

### 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 (GbE) 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.

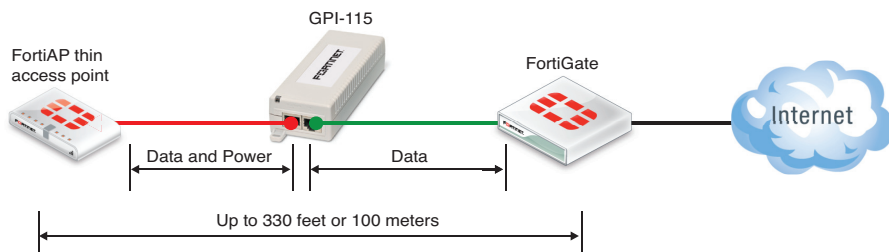
### Remotely Power wireless LAN access points

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 GbE 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.

### 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.



#### 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 GbE 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

Technical Specifications	
Number of Ports	2 - One for data in, one 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
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 to 63 Hz
Dimensions	53 mm (W) x 32.5 mm (H) x 140 mm (L) 2.09 in. x 1.28 in. x 5.5 in
Weight	0.44 lbs (200g)
LED Indicator	Power On/ Off and overload conditions

Technical Specifications	
Connectors	Shielded RJ-45, EIA 568A and 568B
Operating Ambient Temperature:	32° to 104°F (0 to 40°C)
Operating Humidity	Maximum 90%, Non-condensing
Storage Temperature:	-4° to 158°F (-20° to 70°C)
Storage Humidity:	Maximum 95%, Non-condensing
Operating Altitude:	-1000 to 10,000 ft. (-304.8 to 3048 m)
Reliability	MTBF: 100,000 hrs. @25°C
Thermal Rating	13 BTU/Hr (@240VAC)
Warranty	1-year
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 Approvals	UL/CUL Per IEC 60950-1
	GS Mark Per IEC 60950-1

#### Ordering Info

Product	SKU
Fortinet 1-Port Gigabit POE Power Injector, 802.3af 15.4Watts 10/100/1000 (PD-3501)	GPI-115

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