

Fortinet PoE Injectors

GPI-115 and GPI-130



The single-port GPI-115 and GPI-130 Power over Ethernet (PoE) injectors offer a compact and cost-effective, fully IEEE 802.3af/802.3at-compliant solution to power FortiAP™ wireless access points and other compliant devices. They deliver single-port, mid-span, with 15.4/30 Watts of Gigabit Ethernet (GE) PoE, giving you maximum deployment flexibility.

The Advantage of Mid-Span Power

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

Remote Power Wireless LAN Access Points

A 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 device injects DC power directly into the same GE cable that carries the Ethernet traffic, avoiding the installation of additional cabling.

With the device, 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.



Highlights

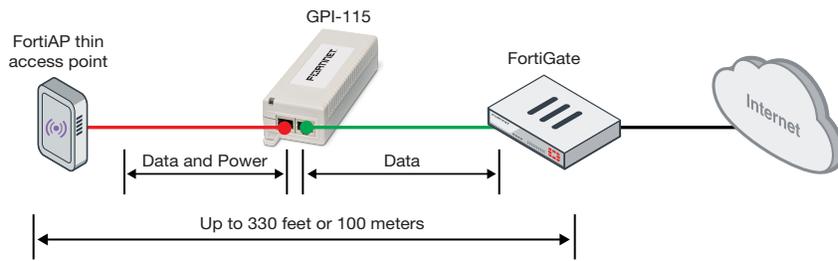
- Power distribution for FortiAP access points
- Supports 802.3af/802.3at standards
- Ideal for low density distributed retail and branch locations
- Support for Fast Ethernet and GE data transmissions

Deployment

Auto-Sensing Algorithm

The GPI-115 and GPI-130 utilize an intelligent design to automatically supply power to only those devices that can accept power over the Ethernet connection. It ensures that

non-802.3af/802.3at units such as legacy NICs can continue to operate.



Specifications

	GPI-115	GPI-130
Hardware Specifications		
Number of Ports	2: 1 for data in, 1 for data and power out	2: 1 for data in, 1 for data and power out
Pass-through Data Rates	10/100/1000 Mbps	10/100/1000 Mbps
Maximum Cable Run	100 meters or 330 feet which corresponds to Ethernet limits	100 meters or 330 feet which corresponds to Ethernet limits
LED Indicator	Power On/Off and overload conditions	Power On/Off and overload conditions
Connectors	Shielded RJ-45, EIA 568A and 568B	Shielded RJ-45, EIA 568A and 568B
MTBF	100,000 hrs. @25°C	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	Pin Assignment and Polarity: 4/5 (+), 7/8 (-) Output Power Voltage: 55V DC Output Power: 36 Watts
Input Power Requirements	AC Input Voltage: 90 to 264V AC AC Input Current: 0.5A @ 100–240V AC AC Frequency: 47–63 Hz	AC Input Voltage: 100 to 240V AC AC Input Current: 0.8A @ 100–240V AC AC Frequency: 50–60 Hz
Operating Ambient Temperature	32–104°F (0–40°C)	32–104°F (0–40°C)
Storage Temperature	-4–158°F (-20–70°C)	-4–158°F (-20–70°C)
Operating Humidity	Maximum 90%, non-condensing	Maximum 90%, non-condensing
Storage Humidity	Maximum 95%, non-condensing	Maximum 95%, non-condensing
Heat Dissipation	13 BTU/h (@ 240V AC)	20 BTU/h (@ 240V AC)
Dimensions		
Height x Width x Length (inches)	1.28 x 2.09 x 5.5	1.28 x 2.09 x 5.5
Height x Width x Length (mm)	32.5 x 53 x 140	32.5 x 53 x 140
Weight	0.44 lbs (200 g)	0.44 lbs (200 g)
Compliance		
Regulatory Compliance	IEEE 802.3af (PoE), RoHS Compliant, WEEE Compliant, CE	IEEE 802.3at (PoE), RoHS Compliant, WEEE Compliant, CE
Electromagnetic Emission & Immunity	FCC Part 15, Class B EN 55022 Class B EN 55024, VCCI	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	UL/cUL per IEC 60950-1 GS Mark per IEC 60950-1
Warranty		
	1 year	1 year

Order Information

Product	SKU	Description
Fortinet Gigabit PoE Injector	GPI-115	1-port Gigabit (10,100, 1000) PoE power injector, 802.3af 15.4 Watts.
GPI-130 Gigabit PoE Injector	GPI-130	1-port Gigabit (10,100, 1000) PoE power injector, 802.3at up to 30 Watts.



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