95W 802.3af/at/bt 10GbE Power over Ethernet Injector

Features
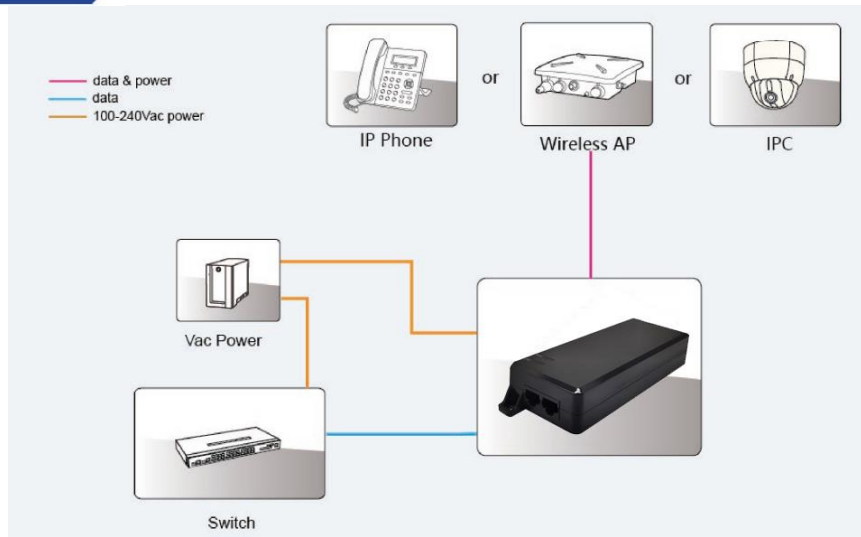
- ► IEEE 802.3af/at/bt compliant
- ► Build-in detection chip inside, which will detect and classify PD before powering it (Active PoE)
- ► Backward compatible for legacy PoE
- ► Supports 10/100/1000 Mbps and 1Gb/2.5Gb/10Gb applications
- ► Output power up to 95W over four pairs with auto-detection on power requirement
- ► Leverage energy efficient PoE up to 95W with full power capabilities mount use
- ► Fan-less design ideal for silent operation
- ► Wall mounted with mounting hole or placed on desk
- ► Simple plug-and-play installation

Overview

UF-PJ10G-90W is a single port PoE Injector with 4 Pair PoE up to 95 watts of power at 56 VDC at 1.7 amp. Designed for the PoE++ powered 95W PoE Powered Devices (PDs), such as IP Cameras, wireless APs, Microwave radio, IoT application, door locks, displays, POS, and information kiosks, it supports 10/100/1000Mbps/10GBps of data rates. Fully comply with IEEE802.3bt and remains compatible with any IEEE802.3af/at compliant devices. Equipped detecting chip inside, which will detect and classify PD before powering it, protecting non PoE device. Enclosed in an IP40 fire retardant plastic case, designed for indoor installation with Wall-mounted. Designed for indoor use, it operates with a wide input voltage of 100-240 VAC. The effective distance limitation of 100 meters over Cat5e/Cat6 cables.

Application

Specifications

Parameter	Description
Key Features	PoE++, IEEE802.3BT High speed 10G data rates Power for 802.11ax Wave 2 Access Points, Pan-Tilt-Zoom (PTZ) Cameras and Video-Phones
Part Number	UF-PJ10G-90W
Ports condition	LAN Port*1, AC Input Port*1, PoE Output Port*1
Regulatory Compliance	IEEE802.3bt RoHS Compliance WEEE Compliance
Pass Through Data Rates	10GBit/s
Output	pin Assignment and Polarity: 4/5(+),7/8(-) and 3/6(+),1/2(-) Output Power Voltage:56Vdc User Port Power: 95W Guaranteed
Input	AC Input Voltage: 100-240 VAC Frequency: 50/60Hz Typ. AC Input Current:1.5A
Working Environment	Operating Temperature: 0℃ to 40℃ Operating Humidity: 20% to 80%, non-condensation Storage Temperature: -20℃ to 70℃ Storage Humidity: 10% to 90%, non-condensation Operating Altitude: up to 5000meters
AC Surge Protection	Line-Earth 1.2/50us (8/20us): 2KV Line-Line 1.2/50us (8/20us): 1KV
Mechanical Characteristics	Case: Plastic Color: Black Mounting: Wall-mounted IP Rated: IP40 Connectors: Shielded RJ-45*2 Size: 147 x 62 x 30mm Weight: 450g
LED Indicator	Power Indicator : Power Status PoE Load Indicator : PoE Status
Warranty	2 years
Safety Approvals	cUL/UL/FCC/CE

EMI	FCC CFR47 Part 15, EN55024, EN55032
EMS	IEC61000-4-2(ESD) ± 6kV(contact), ±8kV(air)
	IEC61000-4-3(RS) 10V/m(80MHz~2GHz)
	IEC61000-4-4(EFT) Power Port: ±2kV; Data Port:±1kV
	IEC61000-4-5(Surge) Power Port:±1kV/DM, ±2kV/CM
	IEC61000-4-6(CS) 10V(150kHz~80MHz)
Immunity	IEC60068-2-6(Vibration)
	IEC60068-2-27(Impact)
	IEC60068-2-32(Free Fall)

Order Information

Model	Description
UF-PJ10G-90W	Single Port 95W 802.3af/at/bt 10GbE Power over Ethernet Injector with power cord
Mounting Options	► Desktop or Wallmount installation
Power Options	► 100-240V voltage input

Mechanical (Unit: mm):