

RP-PGJ259

NBASE-T 2.5Gigabit 802.3bt 4-Pair PoE++ 90W Injector

The RP-PGJ259 NBASE-T Gigabit 802.3bt 4-Pair PoE Injector provides up to 90-watt power and supports 2.5GbE/ 1GbE data connection anywhere in your network infrastructure.

The RP-PGJ259 injects DC power through CAT5 or CAT6 4 pair UTP cable, it increases flexibility in the positioning of a PoE enabled device by eliminating for a nearby power source. The RP-PGJ259 supports the PoE+ (802.3af 15.4W & 802.3at 30W) standard and 802.3bt 4-Pair PoE type 3 & type 4 45W~90W power to connected PD devices. It can easy connect the high-powered devices such as WiFi 6 AP, Pan-Tilt-Zoom (PTZ) IP Cameras, Dome Cameras, Interactive Display, Point of Sales (POS), Information Kiosks, Thin Client and other high power Ethernet end terminals with 71W of power.

The RP-PGJ259 is plug-and-play without any software configuration .Its metal housing design is more suitable for different environment application. Over current protection and circuit shorting protection are also supported to ensure the safety.



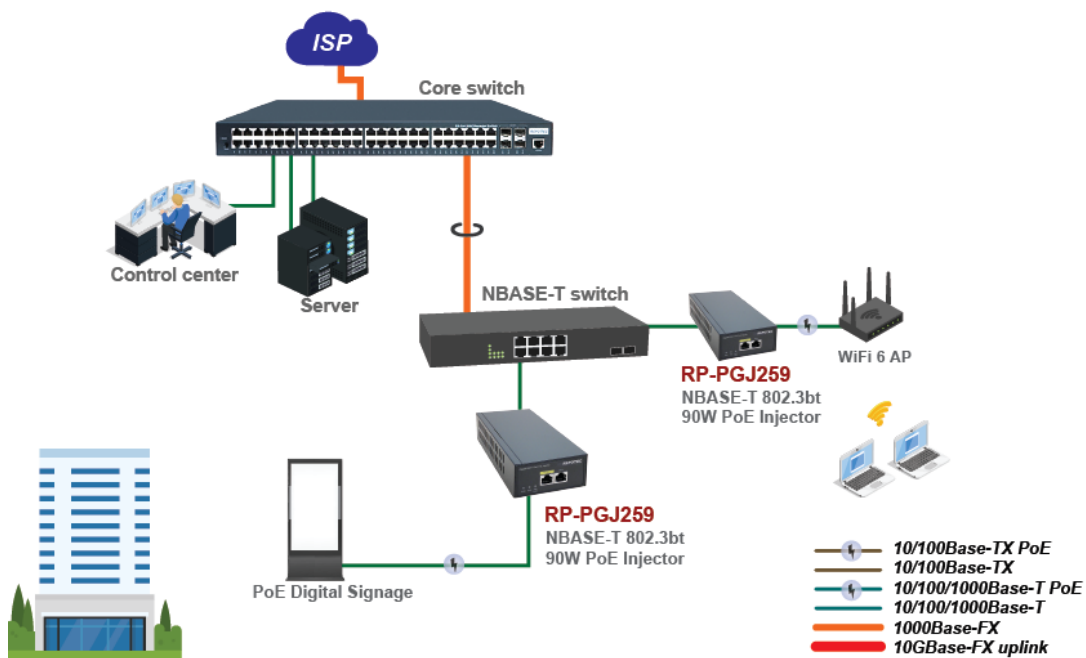
Feature

- One port 10/100/1000/2500 Base-T (Data) for connection to the Ethernet Switch
- One port 10/100/1000/2500 Base-T 4-Pair PoE (Power/Data) for connection to the PoE device (PD)
- Automatic detects if the connected device is PoE enabled to avoid sending power to a non-PoE device
- Complies with IEEE802.3, 802.3u, 802.3ab, 802.3bz, 802.3af, 802.3at, 802.3bt standards
- Supports 802.3bt 4-Pair PoE 90W power delivery
- Supports 802.3bt (90W/75W/60W/45W), 802.3at (30W), 802.3af (15W) PoE Power Output.
- Supports PoE type 1~4, Class 1~8. Fully class mode.
- Supports one Power & PoE Link LEDs
- Supports one GND screw
- Supports Full-Range (100~240VAC) Internal power supply
- Fanless, Metal case, Small size, no noise
- ESD IEC61000-4-2 Contact +/-4KV, Air +/-8KV
- EFT IEC61000-4-4 Power 1KV, LAN 0.5KV
- Surge IEC61000-4-5 Cable to Cable & Cable to GND Level3 2KV

Specification

Standard	<ul style="list-style-type: none"> • IEEE 802.3 10Base-T Ethernet • IEEE 802.3u 100Base-TX Fast Ethernet • IEEE 802.3ab 1000Base-T Gigabit Ethernet • IEEE 802.3af PoE • IEEE 802.3at PoE+ • IEEE 802.3bt PoE++
Interface	<ul style="list-style-type: none"> • 1 x 4-Pair PoE++ 10/100/1000/2500Mbps RJ-45 port • 1 x 10/100/1000/2500Mbps RJ-45 port
Data Rates	<ul style="list-style-type: none"> • 10/100/1000/2500Mbps
Network Cable	<ul style="list-style-type: none"> • 10BASE-T: 4-pair UTP Cat. 3, 4, 5, 5e, 6 • 100BASE-TX: 4-pair UTP Cat. 5, 5e, 6 • 1000BASE-T: 4-pair UTP Cat. 5e, 6 • Twisted-pair cable up to 100 meters (328ft)
PoE Power Budget	<ul style="list-style-type: none"> • 90Watt @54V via 4-pair PoE
PoE Pin Assignment	<ul style="list-style-type: none"> • Mode A (End-Span): 1/2 (-), 3/6 (+) • Mode B (Mid-Span): 4/5 (+), 7/8 (-)
LED Indications	<ul style="list-style-type: none"> • Power (Green) • PoE Link (Green)
Power Supply	<ul style="list-style-type: none"> • Internal power 100~240VAC input, 47~63Hz, 54V
Power consumption	<ul style="list-style-type: none"> • 100W max.
Environmental	<ul style="list-style-type: none"> • Operating Temperature: 0~50°C • Storage Temperature: -20~70°C; • Operating Humidity: 10%~90% (Non-condensing)
Dimensions	<ul style="list-style-type: none"> • 87 x 43 x 188 mm (W x H x D)
Certification	<ul style="list-style-type: none"> • FCC, CE, LVD Class B

Application



Ordering Information

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