

RP-PE054J | RP-PE054J/F

5-P Fast Ethernet Switch w/ 4-P high PoE+, Mid-span



RP-PE054J is a 5-port 10M/100M Fast Ethernet Switch with one uplink port + 4 ports of high Power over Ethernet 802.3at/af. With 4 dip switches, each PoE port can be manually set for On-Off control. The internal PoE power supply can send up to 48 Watts to a single port.

RP-PE054J supports power protections as OVP (Over Voltage Protection), OCP (Over Current Protection), robust short-circuit protection and surge protection.

RP-PE054J is compact in size, making it ideal for desktop users with limited space. It is an excellent solution for most network devices that require high-power such as outdoor security dome cameras and access points.

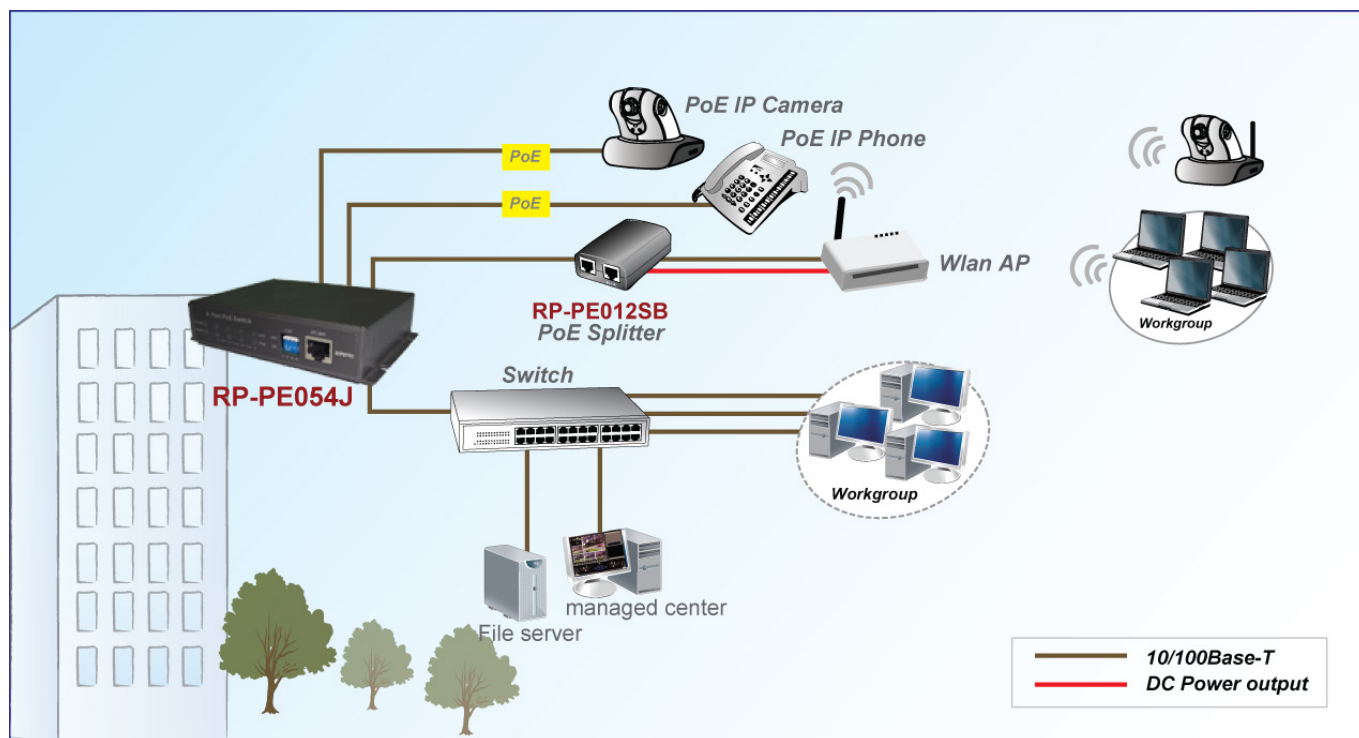
Features

- Comply with IEEE 802.3 af/at PoE standard
- Provides flexibility of 4 x 10/100BASE-TX high power PoE ports
- Supports auto-negotiation and auto-MDI/MDI-X cable detection on each port
- Store-and-Forward architecture to ensure error-free communications
- IEEE 802.3x flow control protects against lost packets for reliable data transmission
- Simple Plug and Play installation
- PoE On-Off Control per port by DIP switch
- High power injector up to 48W per port
- Power PIN Assignment: 4/5(+), 7/8(-)
- Support Power Protection: OVP (Over Voltage Protection), OCP (Over Current Protection), OTP (Over Temperature Protection), robust short-circuit protection and surge protection
- You can also use our repeater to extend another 100 meters or several hundred more meters with multiple units

Specifications

Standards	<ul style="list-style-type: none"> • IEEE 802.3 10-BASE-T (Ethernet) • IEEE 802.3u 100-BASE-TX (Fast Ethernet) • IEEE 802.3x Flow Control (full-duplex flow control) • IEEE 802.3af Power over Ethernet • IEEE 802.3at Power over Ethernet Plus 															
Interface	<ul style="list-style-type: none"> • 4* 10/100Mbps RJ-45 PoE ports • 1* 10/100Mbps RJ-45 Uplink Port 															
MAC Address	<ul style="list-style-type: none"> • 1K 															
Buffer Memory	<ul style="list-style-type: none"> • 48KB 															
Transmission Method	<ul style="list-style-type: none"> • Store and Forward 															
Filtering/Forwarding Rates	<ul style="list-style-type: none"> • 100Mbps port - 148,800pps • 10Mbps port - 14,880pps 															
Transmission Media	<ul style="list-style-type: none"> • 10BaseT Cat. 3, 4, 5 UTP/STP • 100BaseTX Cat. 5 UTP/STP 															
PoE Specification	<ul style="list-style-type: none"> • PoE Compatible: IEEE 802.3af/at Power over Ethernet / PSE • PoE over current protection • PoE circuit sorting protection • PoE Power Output: Per Port 48V DC, Max. 30 watts (High power) • Power Budget: Max. 65W(RP-PE045J), 120W(RP-PE045J/F) • Power Pin Assignment: 4/5(+), 7/8(-) • PoE Power Supply Type: Mid-Span 															
PoE on Each Port (Dip ON/OFF)	<table border="1"> <thead> <tr> <th>PoE</th> <th>1 port ON</th> <th>2 ports ON</th> <th>3 ports ON</th> <th>4 ports ON</th> </tr> </thead> <tbody> <tr> <td>65W:</td> <td>@48W x1</td> <td>@30W x2</td> <td>@20W x3</td> <td>@15.4W x4</td> </tr> <tr> <td>120W:</td> <td>@48W x1</td> <td>@48W x2</td> <td>@40W x3</td> <td>@30W x4</td> </tr> </tbody> </table>	PoE	1 port ON	2 ports ON	3 ports ON	4 ports ON	65W:	@48W x1	@30W x2	@20W x3	@15.4W x4	120W:	@48W x1	@48W x2	@40W x3	@30W x4
PoE	1 port ON	2 ports ON	3 ports ON	4 ports ON												
65W:	@48W x1	@30W x2	@20W x3	@15.4W x4												
120W:	@48W x1	@48W x2	@40W x3	@30W x4												
LED Indicators	<ul style="list-style-type: none"> • Power, Uplink , LAN1~4 port , PoE 1~4 port 															
Power Consumption	<ul style="list-style-type: none"> • Max. 3W (no PD device connected) 															
Power Supply	<ul style="list-style-type: none"> • External Power Adapter 100~240VAC / 50~60Hz, DC48V 															
Environment	<ul style="list-style-type: none"> • Operating temperature : 0°C to 45°C • Operating Humidity:10% to 90% (Non-Condensing) 															
Dimension	<ul style="list-style-type: none"> • 120 * 90 * 28mm 															
Certification	<ul style="list-style-type: none"> • FCC, CE 															

Application



Ordering information

RP-PE054J 5-P Fast Ethernet Switch, w/ 4-P High PoE+, Mid-span (65W)

RP-PE054J/F 5-P Fast Ethernet Switch, w/ 4-P High PoE+, Mid-span (120W)