

RP-PE054

5-P Fast Ethernet Switch w/ 4-P 802.3at PoE, 1-Uplink port

RP-PE054 series is a 5-port 10/100M Fast Ethernet Switch with one uplink port + 4 ports of Power over Ethernet capability. The PoE switch complies with IEEE 802.3af and 802.3at standards and supplies up to 30W per port, with a total PoE power budget of 65W. It automatically detects IEEE 802.3af/at compliant device connected and provides power and data over a RJ45 cable to these devices.

Its auto-negotiate is between 10/100 Mbps network speed and duplex. By integrating the data transmitting and power supply, it eliminates the toil of constructing your network. Users can easily connect a Wireless AP or a VoIP phone to this switch without arranging outlets for the wall, ceiling or any unreachable place. It is an ideal solution for office and home users who utilize a combination of PoE and non-PoE enabled devices.

To ensure the power supply safety, RP-PE054 also supports current protection and circuit shorting protection. Moreover, front panel LEDs provides quick indication of connection speed and status. Plug-and-play function without any software to configure and is also fully compliant with all kinds of network protocols.



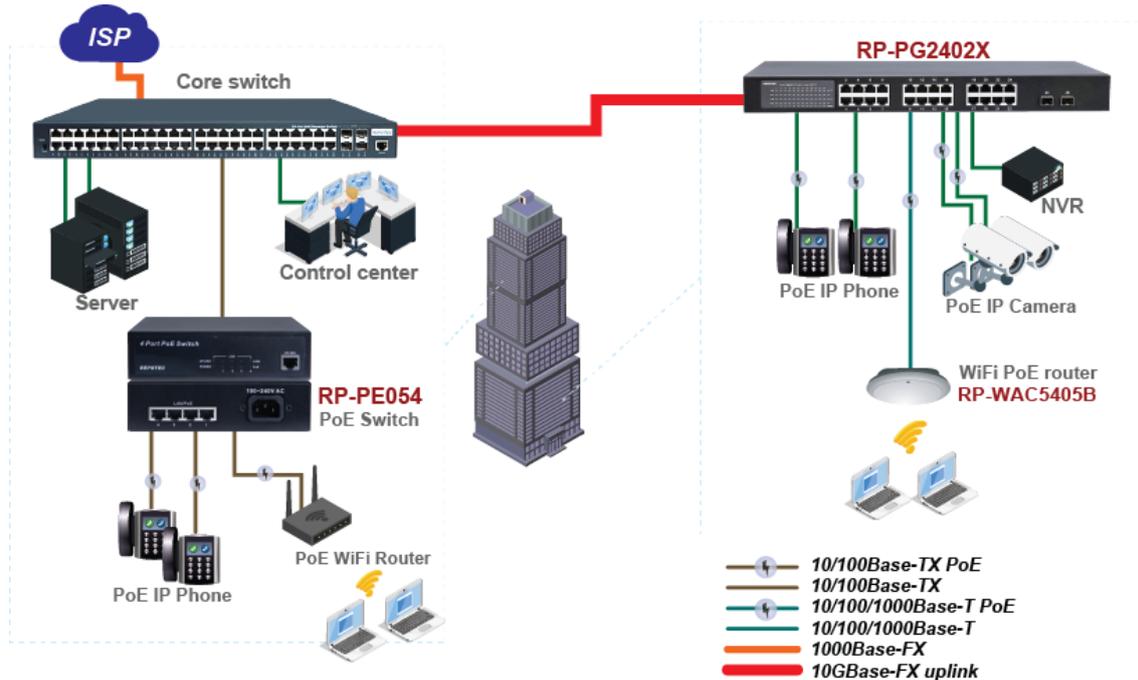
Features

- Comply with IEEE 802.3 af/at PoE standard, support 30W maximum per PoE port
- Provides flexibility of 4 x 10/100BASE-TX high power PoE ports
- Wire-speed packet filtering and forwarding rate
- Supports auto-negotiation and auto-MDI/MDI-X cable detection on each port
- Store-and-forward architecture filter fragment & CRC error packets
- IEEE 802.3x flow control protects against lost packets for reliable data transmission
- Automatic Detection and Protection of Non-standard Ethernet Terminals
- Support PoE Over Current Protection, PoE circuit short protection
- Supply suitable power to PoE PD terminals
- Simple Plug and Play installation
- Support extensive LED indicators for network diagnostics
- Compact, sturdy casing
- AC-in Internal Power

Specification

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, auto-negotiation • 1* 10/100Mbps RJ-45 Uplink Port
MAC Address	<ul style="list-style-type: none"> • 2K
Buffer Memory	<ul style="list-style-type: none"> • 2KB
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 • Power Budget: Max. 65W • PoE power on RJ-45 pin 1,2 (+) / pin 3, 6 (-) • PoE Power Supply Type: End-Span
LED Indicators	<ul style="list-style-type: none"> • Power, Uplink , LAN1~4 port , PoE 1~4 port
Power Supply	<ul style="list-style-type: none"> • Internal Power 100~240VAC/50~60Hz, 48~56VDC, 65W
Environment	<ul style="list-style-type: none"> • Operating temperature : 0°C to 40°C • Operating Humidity:10% to 90% (Non-Condensing)
Dimension	<ul style="list-style-type: none"> • 160 x 122 x 44mm (WxDxH)
Certification	<ul style="list-style-type: none"> • FCC, CE

Application



Ordering information

RP-PE054 5-Port Fast Ethernet Switch with 4-P 802.3at PoE (65W)