RP-PG2164

16-P Gigabit PoE + 2-Gigabit TP + 2-SFP(1G) slot Ethernet Switch

RP-PG2164 is equipped with16 * 10/100/1000M PoE ports, compliant with IEEE 802.3af/at standard for PoE+, delivering 30W per port and a maximum power output of 200W. Additionally, the switch offers 2*10/100/1000M ports and 2* 1000M SFP uplink ports, providing high-speed connectivity for efficient data transfer.

RP-PG2164 offers adaptability through two operating modes: Default and VLAN, catering to diverse environments. Its versatile features include PoE usage rate indication, providing a convenient display of power consumption. Additionally, RP-PG2164 prioritizes reliability with high anti-interference capabilities, featuring 6KV surge protection and 6KV contact / 8KV air Electrostatic Discharge (ESD) protection.

Well-suited for deployment in demanding environments, RP-PG2164 contributes to the seamless operation of security network video monitoring systems and other network applications. With a focus on both performance and protection, it serves as a reliable solution for organizations seeking a robust and adaptable network switch.
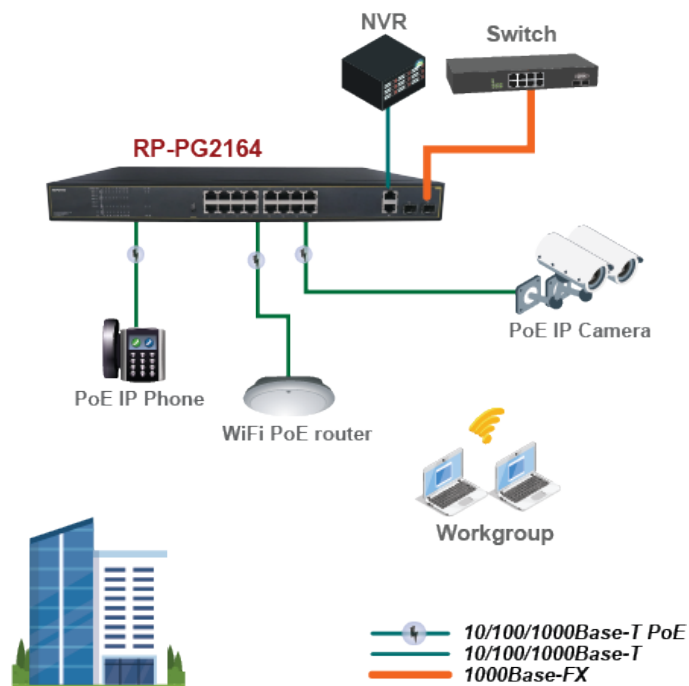
Features

- With 16*10/100/1000M PoE ports, 2*10/100/1000M ports and 2*1000M SFP ports;
- PoE power of single port is 30W; total power budget up to 200W
- Provides 2 modes of Default and VLAN to adapt to various complex environments.
- Supports PoE usage rate indication for convenient display of power consumption.
- Supports 6KV lightning protection, 6KV contact / 8KV air ESD protection.

Specifications

Standards	• IEEE 802.3/3u 10Base-T, 100Base-TX Ethernet • IEEE 802.3ab 1000Base-T Ethernet • IEEE 802.3z 1000Base-X Ethernet • IEEE 802.3x Flow Control capability • IEEE 802.3az (Energy Efficient Ethernet) • IEEE 802.3at/af Power over Ethernet / PSE
Interface	• 16 x 10/100/1000M RJ45 PoE ports • 2 x 10/100/1000M RJ45 ports • 2 x 1000M SFP slot uplink ports
Switching capacity	• 40Gbps
Packets forwarding rate	• 29.8Mpps
Buffer	• 4MB
MAC Address	• 8K
Indicators	• Power (Red) • PoE usage rate: 20%, 40%, 60%, 80%, 90% • Port 17~20: Link/Act (Green) • Port 1~16: Link/Act (Green) / PoE (Yellow)
Dip switch	• Default mode: normal switch mode. • VLAN mode: ports 1 ~ 16 are isolated from each other and can only communicate with the uplink port; restrain the network storm; turn off the flow control.
PoE ports	• Ports 1~16 support IEEE802.3af/at, end-span, 30W per port Max.
PoE power Budget	• 200W max.
Power consumption	• 10W (no PD device connected)
Power Supply	• Internal Power supply AC100~240V, 50/60Hz
Cable and distance	• Use cat5e/6,100m max.(Extend mode max.250m)
Dimension (LxWxH)	• 442 x 285 x 44mm
Operation temperature	• -10°C ~ +50°C
Storage temperature	• -40°C ~ +85°C
Humidity	• 0%~95%RH (non-condensing)
Protection	• Surge: 6KV, standard: IEC61000-4-5 • ESD: 6KV: contact 8KV: air, standard:IEC61000-4-2

Application

Ordering information

RP-PG2164   16-P Gigabit PoE + 2-Gigabit TP + 2-SFP(1G) slot Ethernet Switch (200W)