Ruijie RG-EG105G-P V2

RG-EG105G-P V2 POE Switch

Ruijie RG-EG105G-P V2

Variants

V2

Details

RG-EG105G-P V2 Gigabit Router with PoE (5-Port)

The RG-EG105G-P V2 is a compact Gigabit router with integrated PoE functionality, designed for small offices, CCTV systems, and enterprise edge networks. It provides flexible LAN/WAN configuration, reliable performance, and efficient power delivery for connected devices.

Port Specifications

Parameter	Specification
Total RJ45 Ports	5
Gigabit Ports	5 × 10/100/1000BASE-T
Max LAN Ports	4
Max WAN Ports	2
Fixed LAN Ports	3
Fixed WAN Ports	1
LAN/WAN Combo Port	1
LED Indicators	1 System LED + 5 Ethernet LEDs

Reset Button	1

System Specifications

CPU: Dual-core processor (880 MHz per core)
Flash Memory: 16 MB
RAM: 128 MB

Power & PoE Specifications

Parameter	Specification
Power Supply	DC Adapter
DC Connector	5.5 × 2.1 mm
Max Power Consumption	5W (no PoE) / 59W (full PoE)
PoE Budget	54W
PoE Ports	4
PoE per Port	30W
PoE Standard	IEEE 802.3af/at (PoE/PoE+)
PoE Pins	1–2 (+), 3–6 (-)

Dimensions & Weight

Product Size: 206.5 × 108.5 × 28 mm
Weight: 0.84 kg
Shipping Weight: 1.30 kg

Package Size: 540 × 340 × 285 mm

Environment & Reliability

Cooling: Natural cooling (fanless)
Mounting: Desktop
Operating Temperature: 0°C to 40°C
Storage Temperature: -40°C to +70°C
Humidity: 10% – 90% (non-condensing)
Surge Protection: ±4kV (service), ±2kV (power)

Note: This router is ideal for CCTV PoE systems, small offices, and ISP edge deployment. Ensure proper power planning when using full PoE load.

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