DATASHEET

RG-ES108GD

8-Port 10/100/1000 Mbps Unmanaged Non-PoE Switch

Highlights

- 8-Port 10/100Mbps desktop unmanaged non-PoE switch
- Unmanaged switch, which is visible on Ruijie Cloud APP
- Large buffer for smooth data transmission
- High network reliability
- High-quality design
- Adaptation to various scenarios

Date: 2025.10.22

Highlight Features

Unmanaged Switch, Which Is Visible on Ruijie Cloud*

* If an unmanaged switch needs to be visualized on Ruijie Cloud, at least one managed switch needs to be deployed on the same network

High-quality Makes Network Reliable

Stable without frequent reboot

Fanless, Quiet

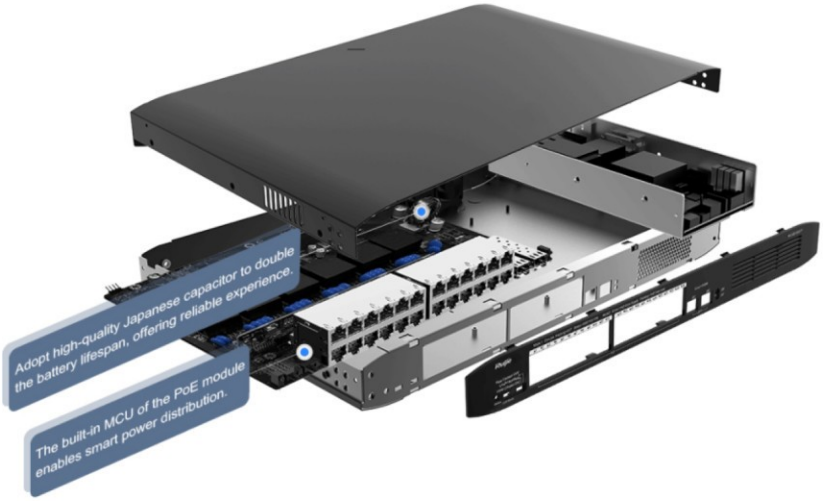
Green (802.3az)

Energy Saving

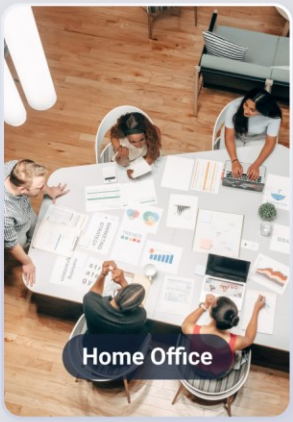
Highlight Features

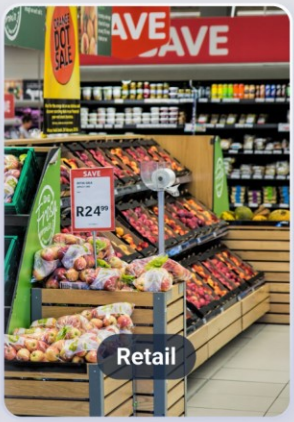
Better Quality Design

Strict standards in PCB design and component selection



Designed for Various Scenarios





Product Information

Model	RG-ES108GD
Product Category	Layer 2

Hardware Specifications

Model	RG-ES108GD
Product Information	
Warranty	3 years
Port Specifications	
Total number of RJ45 ports	8
Number of 10/100/1000BASE-T ports	8
Power Supply and Consumption	
Power input	DC adapter: ● Rated input voltage: 100 V AC to 240 V AC, 50 Hz to 60 Hz ● Maximum input voltage: 90 V AC to 264 V AC, 47 Hz to 63 Hz ● Rated input current: 0.3 A Output: ● Rated output voltage: 5 V DC ● Maximum output current: 1 A
Maximum power consumption	5 W
Power supply	DC power adapter
System Specifications	
Flash memory	1 MB
Forwarding rate	11.90 Mpps
Switching capacity	16 Gbps(bit/s)
Dimensions and Weight	
Casing	Metal
Product dimensions (W x D x H)	160 mm x 75 mm x 24 mm (6.3 in. x 2.95 in. x 0.94 in.)

Hardware Specifications

Model	RG-ES108GD
Weight	350 g (0.77 lbs) (without packaging materials)
Shipping weight	0.60 kg (1.32 lbs)
Environment and Reliability	
Fan	Fanless design
Cooling	Natural cooling
Acoustic noise	No
Mounting options	Wall/Desk
Hot swapping of cables	Hot swapping supported by the service port and power connector
MTBF	200,000 hours
Operating temperature	0°C to 40°C (32°F to 104°F)
Storage temperature	–40°C to +70°C (–40°F to +158°F)
Operating humidity	10% RH to 90% RH (non-condensing)
Storage humidity	5% RH to 95% RH (non-condensing)
Altitude	Operating altitude: –500 m to +5,000 m (–1,640.42 ft. to +16,404.20 ft.) Storage altitude: –500 m to +5,000 m (–1,640.42 ft. to +16,404.20 ft.)
ESD protection	Air discharge: 8 kV Contact discharge: 6 kV
Surge protection	Service port: ±4 kV for common mode Power connector: ±2 kV for common mode and ±1 kV for differential mode
Certification and Regulatory Compliance	
EMC	EN 55032 EN 61000-3-2 EN 61000-3-3 EN 55035 EN 300 386
Safety compliance	EN 62638-1
Certification	CE

Package Contents

Model	RG-ES108GD
Manual	
User Manual	1
Warranty Card	1

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Redefine your easy network

Ruijie Networks Co., Ltd.

Official Website: https://Reyee.Ruijie.com