

RG-ES124GD

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



Highlights

- 24-port 10/100/1000 Mbps desktop unmanaged non-PoE switch
- Unmanaged switch, which is visible on Ruijie Cloud
- Large buffer for smooth data transmission
- High network reliability
- High-quality design
- Adaptation to various scenarios

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

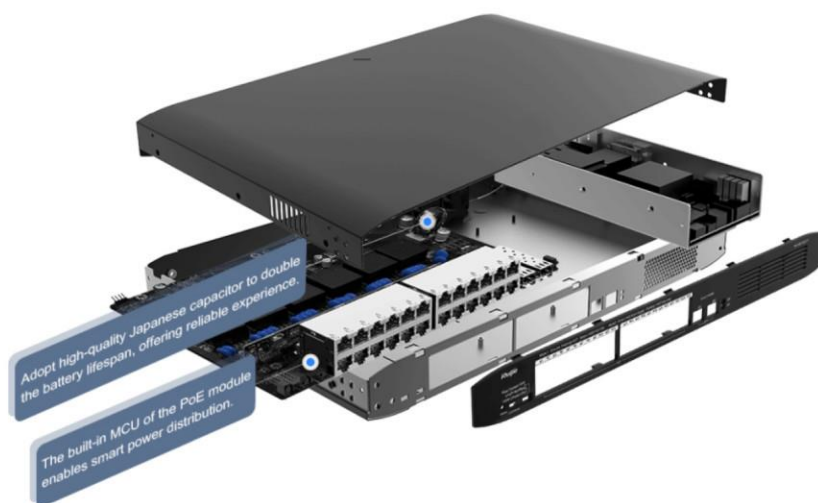
Stable without frequent reboot



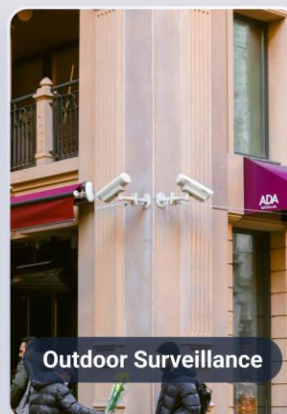
Highlight Features

Better Quality Design

Strict standards in PCB design and component selection



Designed for Various Scenarios



/ Product Information

Model	RG-ES124GD
Product Category	Layer 2

/ Hardware Specifications

Model	RG-ES124GD
Product Information	
Warranty	3 years
Port Specifications	
Total number of RJ45 ports	24
Number of 10/100/1000BASE-T ports	24
Ultra-long-haul transmission	Yes
DIP switch	Switchover in four modes: 1. Flow Control On 2. Flow Control Off 3. Port Isolation When port isolation is enabled, ports 1-22 are isolated from each other, but can communicate with ports 23 and 24. 4. Extend Data Transmission-10Mbps: When this mode is enabled, ports 1-8 have a reduced speed of 10 Mbps, with a transmission distance of up to 250 m (820.21 ft.). If compatibility is considered, some ports may not deliver such a transmission distance.
Power Supply and Consumption	
Power input	220 V AC power supply: • 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: 0.6 A
Maximum power consumption	16 W
Power supply	Single fixed power supply
System Specifications	
Flash memory	1 MB
Forwarding rate	35.70 Mpps

Hardware Specifications

Model	RG-ES124GD
Switching capacity	48 Gbps(bit/s)
Dimensions and Weight	
Casing	Metal
Product dimensions (W x D x H)	280 mm x 126 mm x 44 mm (11.02 in. x 4.96 in. x 1.73 in.)
Weight	1.01 kg (2.23 lbs) (without packaging materials)
Shipping weight	1.86 kg (4.1 lbs)
Environment and Reliability	
Fan	Fanless design
Cooling	Natural cooling
Acoustic noise	No
Mounting options	Rack
Hot swapping of cables	Hot swapping supported by the service port and power connector
MTBF	200,000 hours
Operating temperature	0°C to 45°C (32°F to 113°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: ±6 kV for common mode and ±6 kV for differential mode
Certification and Regulatory Compliance	
EMC	EN 55032 EN IEC 61000-3-2

/ Hardware Specifications

Model	RG-ES124GD
	EN 61000-3-3 EN 55035 EN 300 386
Safety compliance	EN 62368-1 IEC 62368-1
Certification	CE

Software Specifications

Model	RG-ES124GD
Security	
Port isolation	ports 1-22 are isolated from each other, but can communicate with ports 23 and 24.

Package Contents

Model	RG-ES124GD
Accessories	
Rubber pad	4
Screw	8 X M3 x 6 mm cross recessed countersunk head screws
Rack-mount bracket	2
Manual	
User Manual	1
Warranty Card	1

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 **R**edefine **y**our **e**asy network



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