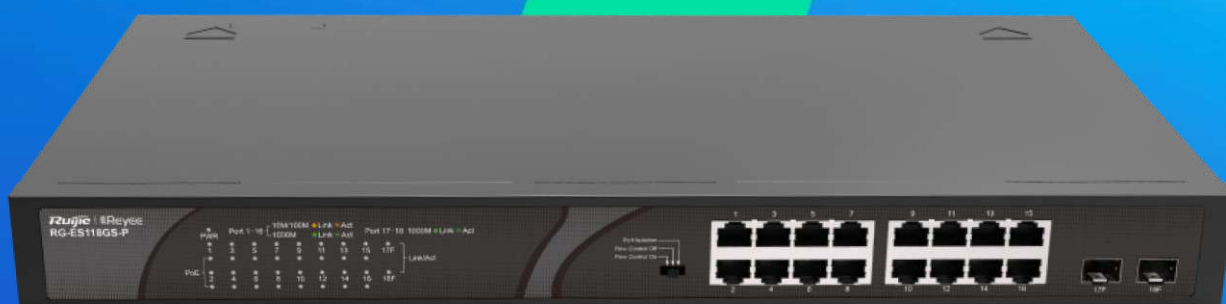# RG-ES118GS-P

16-Port 10/100/1000 Mbps Unmanaged PoE Switch with 2 SFP Uplinks

Highlights

- 16-port 10/100/1000 Mbps unmanaged PoE switch with 2 SFP uplinks

- Unmanaged switch, which is visible on Ruijie Cloud

- Large buffer for smooth data transmission

- Intelligent PoE management

- High-quality design

- Designed for various scenarios

Date: 2025.10.16

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

Ruijie | Reyee

Left Light: 10M/100M/1000M ● Link ☆ Act   Right Light: ●PoE Good Supply ●P

SYS
1 2 3
1-Extend
2-Default
3-Isolation

Scan to Add

Align the barcode in the center
QR-code within frame

Intelligent and Secure CCTV Network

Watchdog

SYS
1 2 3
1-Extend
2-Default
3-Isolation

Extend Mode

Port Isolation

PoE Auto Recovery

250 Meters Transmission

Flexible Extend mode

Higher Security

/ Highlight Features

Intelligent PoE Management
Fit for various powered devices up to 30W

5W MAX
Wall AP

9W MAX
IP Camera

12.95W MAX
Ceilling AP

24W MAX
IP PTZ Camera

High-quality Makes Network Reliable
Stable without frequent reboot

Cloud Make Your Business Easy

Learn More

Fanless, Quiet   Green (802.3az)   Energy Saving

Product Information

Model	RG-ES118GS-P
Product Category	Layer 2

Hardware Specifications

Model	RG-ES118GS-P
Product Information	
Warranty	3 years
Port Specifications	
Total number of RJ45 ports	16
Total number of optical ports	2
Number of 1GE SFP ports	2
Number of 10/100/1000BASE-T ports	16
DIP switch	Switchover in three modes: 1. Flow Control On 2. Flow Control Off 3. Port Isolation When port isolation is enabled, ports 1-16 are isolated from each other, but can communicate with ports 17 and 18.
Power Supply and Consumption	
PoE Out standard	PoE/PoE+ (IEEE 802.3af/at)
Number of PoE Out ports	16
Number of PoE/PoE+ Out ports	16
PoE budget	247 W
PoE power pins	1–2 (+), 3–6 (-)
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: 3.5 A
Maximum power consumption	50 W (with no PoE load) 297 W (with PoE full load)

/ Hardware Specifications

Model	RG-ES118GS-P
Power supply	Single fixed power supply
System Specifications	
Flash memory	1 MB
Forwarding rate	26.80 Mpps
Switching capacity	36 Gbps(bit/s)
Dimensions and Weight	
Casing	Metal
Product dimensions (W x D x H)	440 mm x 240 mm x 44 mm (17.32 in. x 9.45 in. x 1.73 in.)
Weight	3.08 kg (6.79 lbs) (without packaging materials)
Shipping weight	4.20 kg (9.26 lbs)
Environment and Reliability	
Fan	2 x fixed fan
Cooling	Air cooling, left-to-right airflow
Acoustic noise	< 40 dB: 25℃(77°F)
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.)

Hardware Specifications

Model	RG-ES118GS-P
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 61000-3-2 EN 61000-3-3 EN 55035 EN 300 386
Safety compliance	EN 62638-1
Certification	CE

/ Software Specifications

Model	RG-ES118GS-P
Network Management and Monitoring	
Fan speed adjustment	Fan Speed Auto-Adjustment
Security	
Port isolation	When port isolation is enabled, ports 1-8 are isolated from each other, but can communicate with ports 9 and 10.

/ Package Contents

Model	RG-ES118GS-P
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