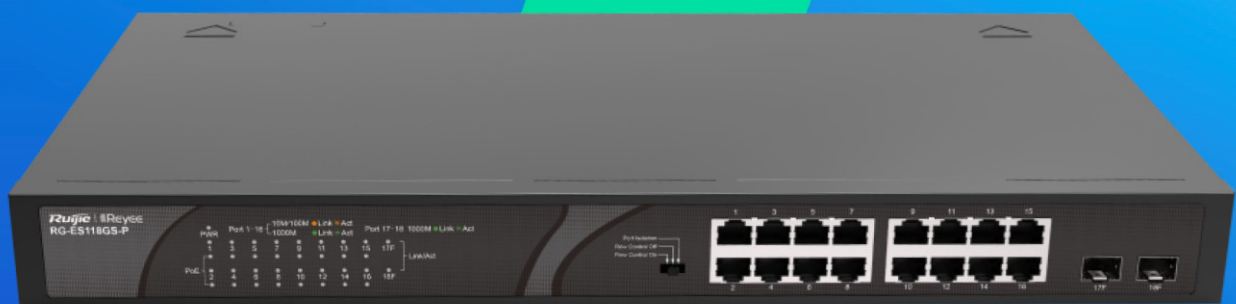


# RG-ES118GS-P

## 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

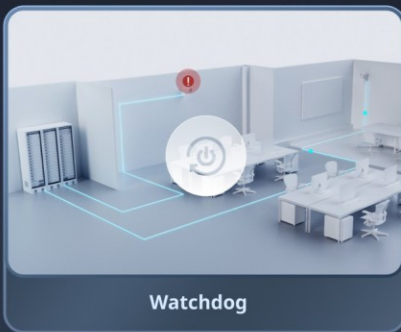
# Highlight Features

## 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



## Intelligent and Secure CCTV Network



Watchdog



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  
Ceiling AP

24W MAX  
IP PTZ Camera



## High-quality Makes Network Reliable

Stable without frequent reboot



 Fanless, Quiet

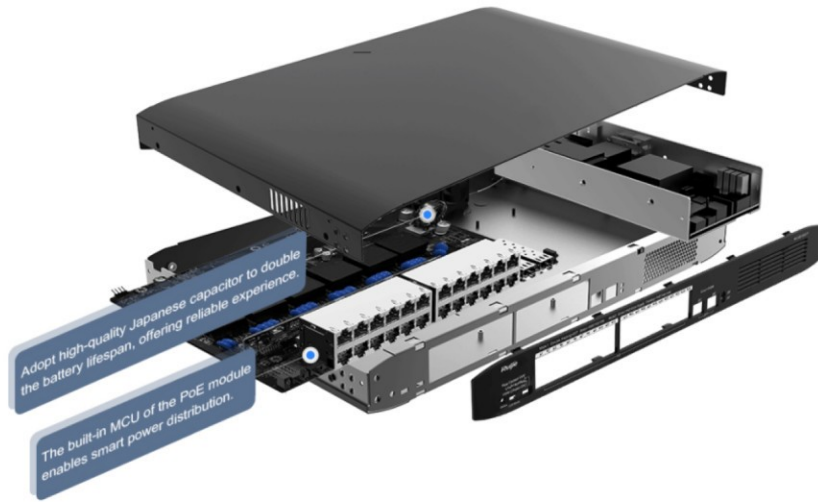
 Green (802.3az)

 Energy Saving

# Highlight Features

## Better Quality Design

Strict standards in PCB design and component selection



## Designed for Various Scenarios



## / Product Information

<b>Model</b>	<b>RG-ES118GS-P</b>
<b>Product Category</b>	Layer 2

## / Hardware Specifications

<b>Model</b>	<b>RG-ES118GS-P</b>
<b>Product Information</b>	
<b>Warranty</b>	3 years
<b>Port Specifications</b>	
<b>Total number of RJ45 ports</b>	16
<b>Total number of optical ports</b>	2
<b>Number of 1GE SFP ports</b>	2
<b>Number of 10/100/1000BASE-T ports</b>	16
<b>DIP switch</b>	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.
<b>Power Supply and Consumption</b>	
<b>PoE Out standard</b>	PoE/PoE+ (IEEE 802.3af/at)
<b>Number of PoE Out ports</b>	16
<b>Number of PoE/PoE+ Out ports</b>	16
<b>PoE budget</b>	247 W
<b>PoE power pins</b>	1-2 (+), 3-6 (-)
<b>Power input</b>	220 V AC power supply: <ul style="list-style-type: none"><li>• Rated input voltage: 100 V AC to 240 V AC, 50 Hz to 60 Hz</li><li>• Maximum input voltage: 90 V AC to 264 V AC, 47 Hz to 63 Hz</li><li>• Rated input current: 3.5 A</li></ul>
<b>Maximum power consumption</b>	50 W (with no PoE load) 297 W (with PoE full load)

# Hardware Specifications

Model	RG-ES118GS-P
Power supply	Single fixed power supply
<b>System Specifications</b>	
Flash memory	1 MB
Forwarding rate	26.80 Mpps
Switching capacity	36 Gbps(bit/s)
<b>Dimensions and Weight</b>	
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)
<b>Environment and Reliability</b>	
Fan	2 x fixed fan
Cooling	Air cooling, left-to-right airflow
Acoustic noise	< 40 dB: 25°C(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: $\pm 4$ kV for common mode Power connector: $\pm 6$ kV for common mode and $\pm 6$ kV for differential mode
<b>Certification and Regulatory Compliance</b>	
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
<b>Network Management and Monitoring</b>	
<b>Fan speed adjustment</b>	Fan Speed Auto-Adjustment
<b>Security</b>	
<b>Port isolation</b>	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
<b>Accessories</b>	
Rubber pad	4
Screw	8 X M3 x 6 mm cross recessed countersunk head screws
Rack-mount bracket	2
<b>Manual</b>	
User Manual	1
Warranty Card	1

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