

RG-ES118S-LP

16-Port 10/100 Mbps with 2-Port
10/100/1000 Mbps, 2 Combo Ports
Desktop Unmanaged PoE Switch



Highlights

- 16-port 10/100 Mbps with 2-port 10/100/1000 Mbps, 2 combo ports unmanaged PoE switch
- Unmanaged switch, which is visible on Ruijie Cloud APP
- Large buffer for smooth data transmission
- Intelligent PoE management
- High-quality design

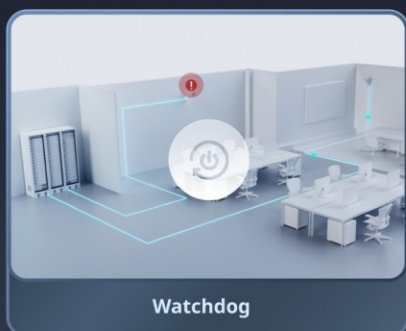
Highlight Features

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



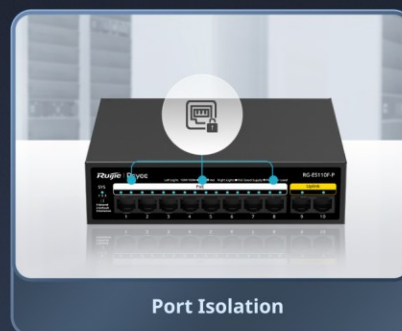
Intelligent and Secure CCTV Network



Watchdog



Extend Mode



Port Isolation



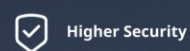
PoE Auto Recovery



250 Meters Transmission



Flexible Extend mode



Higher Security

Highlight Features

Intelligent PoE Management

Fit for various powered devices up to 30W



High-quality Makes Network Reliable

Stable without frequent reboot



 Fanless, Quiet

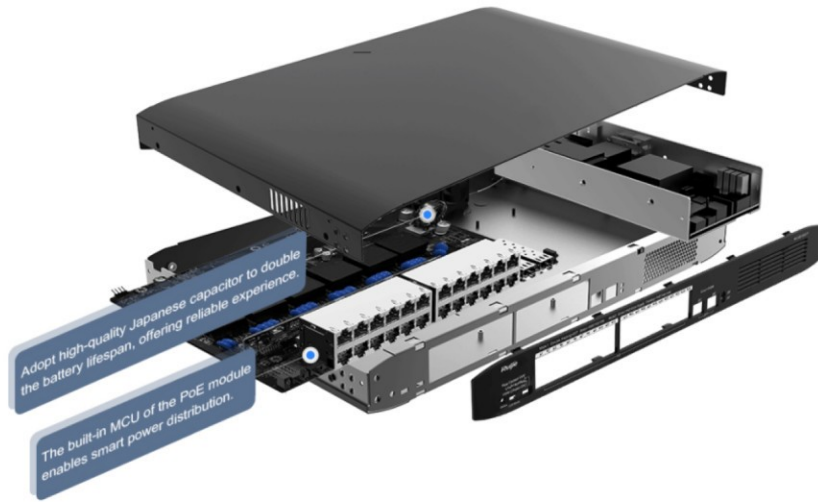
 Green (802.3az)

 Energy Saving

Highlight Features

Better Quality Design

Strict standards in PCB design and component selection



Designed for Various Scenarios



Product Information

Model	RG-ES118S-LP
Product Category	Layer 2

Hardware Specifications

Model	RG-ES118S-LP
Product Information	
Warranty	3 years
Port Specifications	
Total number of RJ45 ports	18
Total number of optical ports	2
Number of 1GE combo ports	2
Number of 1GE SFP ports	2
Number of 10/100BASE-T ports	16
Number of 10/100/1000BASE-T ports	2
DIP switch	Switchover in three modes: 1. Flow Control On 2. Flow Control Off 3. Port Isolation
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	120 W
PoE power pins	1-2 (+), 3-6 (-)
Power input	220 V AC power supply: <ul style="list-style-type: none">• 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 A

Hardware Specifications

Model	RG-ES118S-LP
Maximum power consumption	13 W (with no PoE load) 148 W (with PoE full load)
Power supply	Single fixed power supply
System Specifications	
CPU	MAC chip, single-core processor, 62.5 MHz clock frequency
Flash memory	1 MB
Forwarding rate	5.35 Mpps
Switching capacity	7.2 Gbps(bit/s)
Dimensions and Weight	
Casing	Metal
Product dimensions (W x D x H)	440 mm x 208 mm x 44 mm (17.32 in. x 8.19 in. x 1.73 in.)
Weight	2.32 kg (5.11 lbs) (without packaging materials)
Shipping weight	3.50 kg (7.72 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)

Hardware Specifications

Model	RG-ES118S-LP
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 61000-3-2 EN 61000-3-3 EN 55035 EN 300 386
Safety compliance	EN 62638-1
Certification	CE

Software Specifications

Model	RG-ES118S-LP
Security	
Port isolation	Ports 1 to 16 cannot communicate with each other, but they can communicate with ports 17 and 18.

Package Contents

Model	RG-ES118S-LP
Accessories	
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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Official Website: <https://Reyee.Ruijie.com>