

RG-ES110GDS-P

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



Highlights

- 8 x 10/100/1000 Mbps ports with 2 SFP uplinks desktop unmanaged PoE switch
- Unmanaged switch, which is visible on Ruijie Cloud
- Large buffer for smooth data transmission
- Intelligent PoE management
- High-quality design
- Adaptation to various scenarios

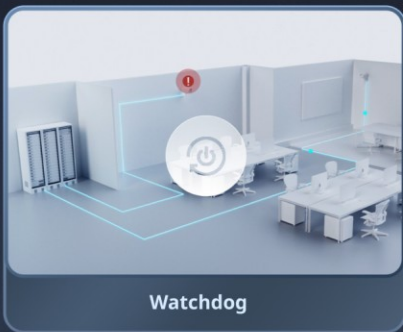
Highlight Features

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



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

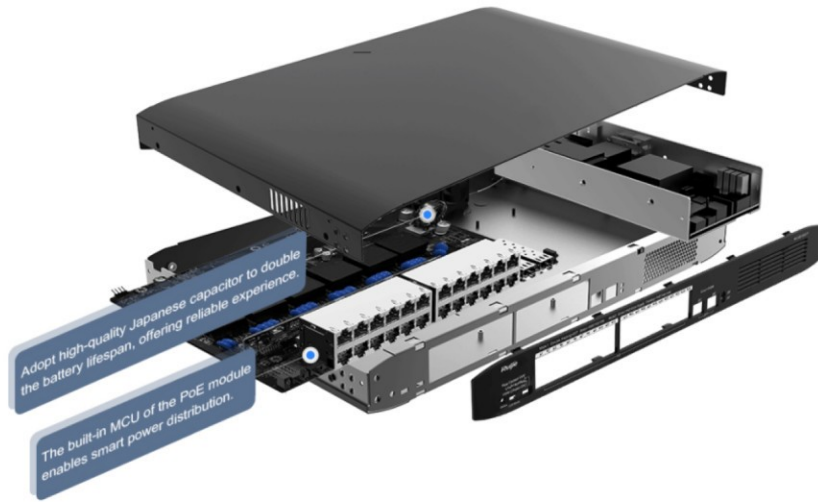
 Green (802.3az)

 Energy Saving

Highlight Features

Better Quality Design

Strict standards in PCB design and component selection



Designed for Various Scenarios



/ Product Information

Model	RG-ES110GDS-P
Product Category	Layer 2

/ Hardware Specifications

Model	RG-ES110GDS-P
Product Information	
Warranty	3 years
Port Specifications	
Total number of RJ45 ports	8
Total number of optical ports	2
Number of 1GE SFP ports	2
Number of 10/100/1000BASE-T ports	8
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	8
Number of PoE/PoE+ Out ports	8
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
Maximum power consumption	22 W (with no PoE load) 142 W (with PoE full load)
Power supply	Single fixed power supply

Hardware Specifications

Model	RG-ES110GDS-P
System Specifications	
Flash memory	128 KB (E2PROM)
Forwarding rate	14.80 Mpps
Switching capacity	20 Gbps(bit/s)
Dimensions and Weight	
Casing	Metal
Product dimensions (W x D x H)	280 mm x 180 mm x 44 mm (11.02 in. x 7.09 in. x 1.73 in.)
Weight	1.46 kg (3.22 lbs) (without packaging materials)
Shipping weight	2.30 kg (5.07 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 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

/ Hardware Specifications

Model	RG-ES110GDS-P
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-ES110GDS-P
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-ES110GDS-P
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>