

# RG-ES110FG-P

## 8-Port 10/100 Mbps with 2-Port Gigabit Unmanaged PoE Switch



### Highlights

- 8-port 10/100 Mbps with 2-port gigabit unmanaged PoE switch
- Unmanaged switch, which is visible on Ruijie Cloud
- Intelligent and secure CCTV network
- Intelligent PoE Management
- High-quality design
- Applicable to various scenarios

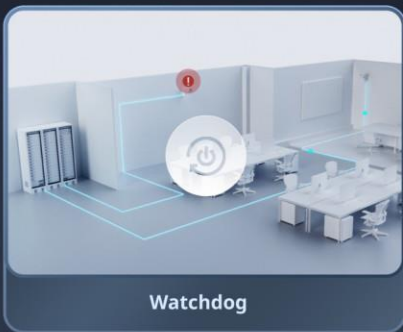
# Highlight Features

## 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



## High-quality Makes Network Reliable

Stable without frequent reboot



 Fanless, Quiet

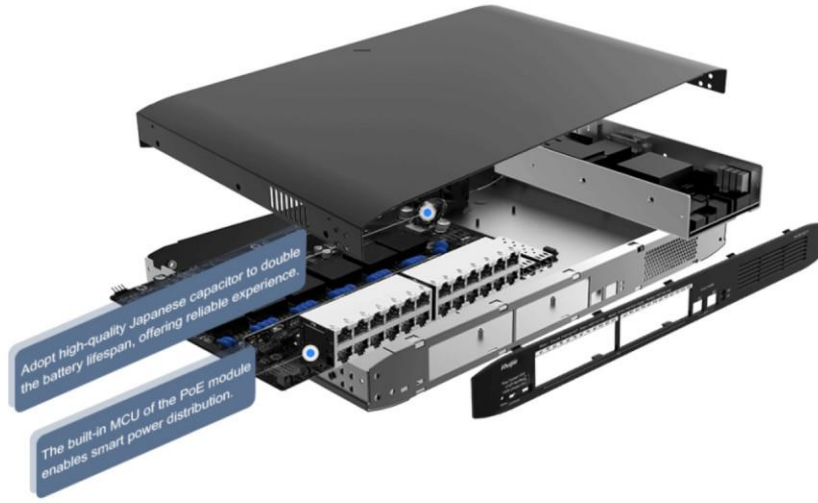
 Green (802.3az)

 Energy Saving

# Highlight Features

## Better Quality Design

Strict standards in PCB design and component selection



## Designed for Various Scenarios



## Product Information

Model	RG-ES110FG-P
Product Category	Layer 2

## Hardware Specifications

Model	RG-ES110FG-P
<b>Product Information</b>	
Warranty	3 years
<b>Port Specifications</b>	
Total number of RJ45 ports	10
Number of 10/100BASE-T ports	8
Number of 10/100/1000BASE-T ports	2
Ultra-long-haul transmission	Yes
DIP switch	<p>Extend mode: The rate of Ports 1 to 8 is reduced to 10 Mbps, but the maximum transmission distance can be up to 200 meters (Cat5e cables required). Flow control on.</p> <p>Default mode: All ports can communicate with each other. Flow control on.</p> <p>Isolation mode: Ports 1 to 8 cannot communicate with each other, but they can communicate with ports G1 and G2. Flow control on.</p>
<b>Power Supply and Consumption</b>	
PoE Out standard	PoE/PoE+ (IEEE 802.3af/at)
Number of PoE Out ports	8
Number of PoE/PoE+ Out ports	8
PoE budget	110 W
PoE power pins	1–2 (+), 3–6 (-)
Power input	<p>220 V AC power supply:</p> <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 A</li></ul>

# Hardware Specifications

Model	RG-ES110FG-P
Maximum power consumption	10 W (with no PoE load) 120 W (with PoE full load)
Power supply	Fixed power supply
<b>System Specifications</b>	
Flash memory	2 MB
Forwarding rate	4.1 Mpps
Switching capacity	5.6 Gbps(bit/s)
<b>Dimensions and Weight</b>	
Casing	Metal
Product dimensions (W x D x H)	166 mm x 132.6 mm x 43 mm (6.54 in. x 5.22 in. x 1.69 in.)
Weight	0.97 kg (2.14 lbs) (without packaging materials) 1.22 kg (2.69 lbs) (with packaging materials)
Shipping weight	1.22 kg (2.69 lbs)
<b>Environment and Reliability</b>	
Fan	Fanless design
Cooling	Natural cooling
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	-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-ES110FG-P
Surge protection	Service port: $\pm 4$ kV for common mode Power connector: $\pm 6$ kV for common mode and $\pm 4$ kV for differential mode
<b>Certification and Regulatory Compliance</b>	
EMC	EN 55032 EN IEC 61000-3-2 EN 61000-3-3 EN 55035 EN 300 386
Safety compliance	EN 62368-1 IEC 62368-1
Certification	CE, CB

# Software Specifications

Model	RG-ES110FG-P
<b>Basic Configurations</b>	
PoE watchdog	Yes
<b>Ethernet Switching</b>	
Maximum number of MAC address entries	8000
Interface flow control	Yes
LLDP	No
LLDP-MED	No
<b>Interface</b>	
Jumbo frame length (MTU)	2048 bytes
<b>IP Service</b>	
IPv4 ping	No
IPv4 traceroute	No
ICMPv6	No
IPv6 ping	No
IPv6 traceroute	No
<b>Multicast</b>	
IGMPv1 snooping	No
IGMPv2 snooping	No
Basic IGMPv3 snooping	No
Full IGMPv3 snooping	No
IGMP filtering	No
<b>Security</b>	
Port isolation	Yes

# Software Specifications

Model	RG-ES110FG-P
<b>System Performance Capacity</b>	
<b>Recommended camera limit</b>	200W H265: 20 400W H265: 10

## Package Contents

Model	RG-ES110FG-P
<b>Device</b>	
Device	1
<b>Accessories</b>	
Power cord	1 x 0.8 m (2.62 ft.), 1 x 1 m (3.28 ft.), 1 x 1.2 m (3.94 ft.) or 1 x 1.5 m (4.92 ft.) Note: There are four power cord lengths. Please refer to the actual delivery.
<b>Manual</b>	
User Manual	1
Warranty Card	1

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