

# RG-ES210GS-P

## 10-Port Gigabit Smart Cloud Managed PoE Switch, 1 Combo Port



### Highlights

- 10-port gigabit cloud managed switch with 8 PoE+ ports, 1 Combo Port
- Cost-Effective Smart Cloud Managed Switches
- IP Camera Recognition, Unique Value for CCTV Network
- Automatic Loop Prevention Ensures Service Continuity
- Lifetime management on Ruijie Cloud at anytime anywhere

# Highlight Features

## RG-ES200 Series Switches

Gigabit access switch fits the needs in SMB network



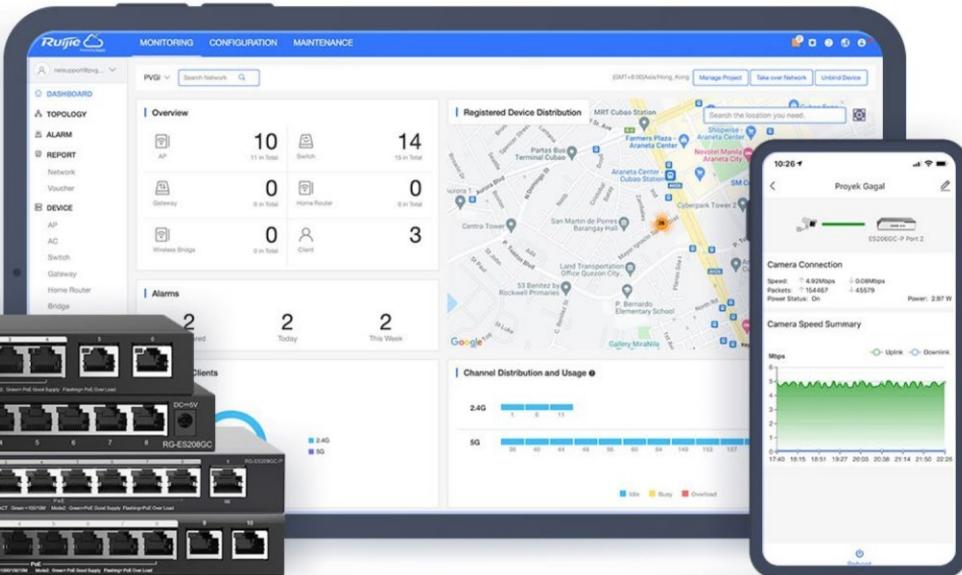
802.3at / 802.3af

Abundant Application Scenarios

Centralized Cloud Management

## Cost-Effective Smart Cloud Managed Switches

ES200 adopts a light-weighted Cloud management design, providing faster response to support richer features.



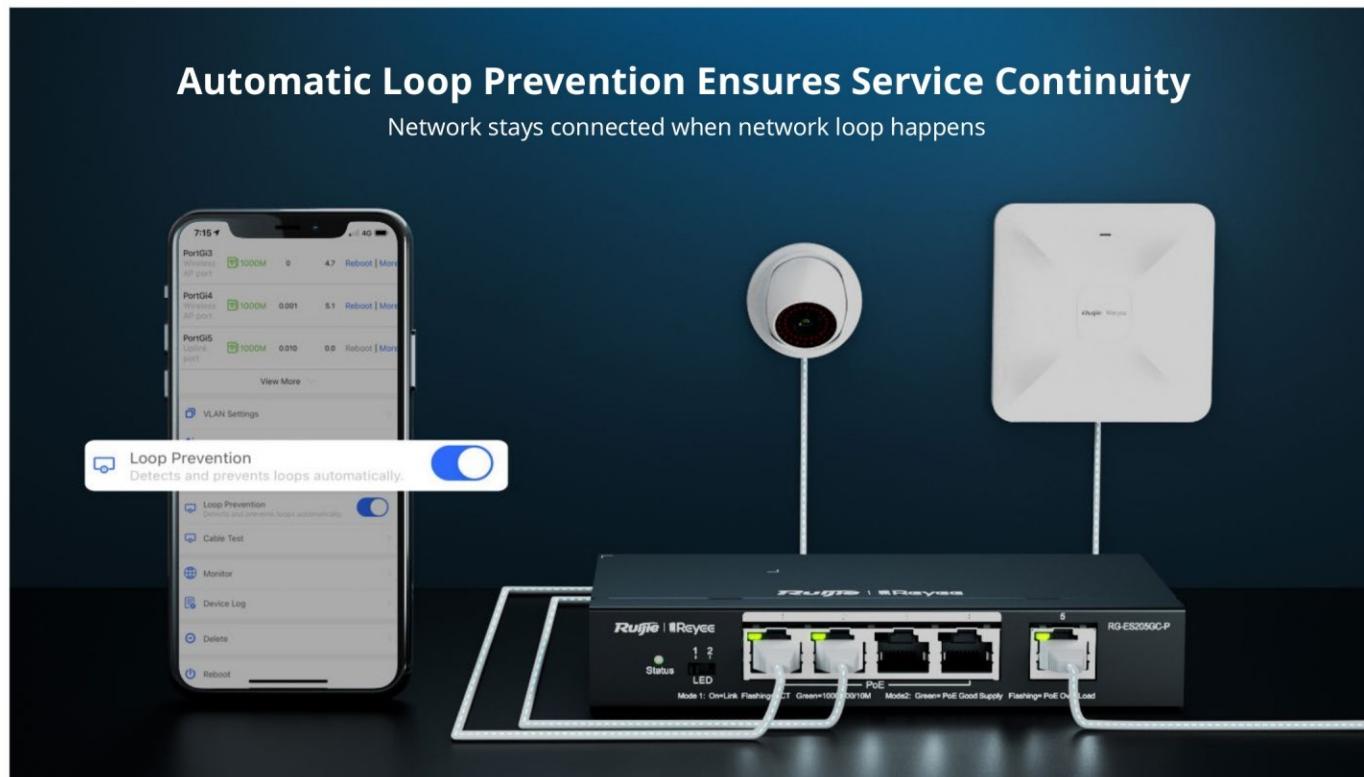
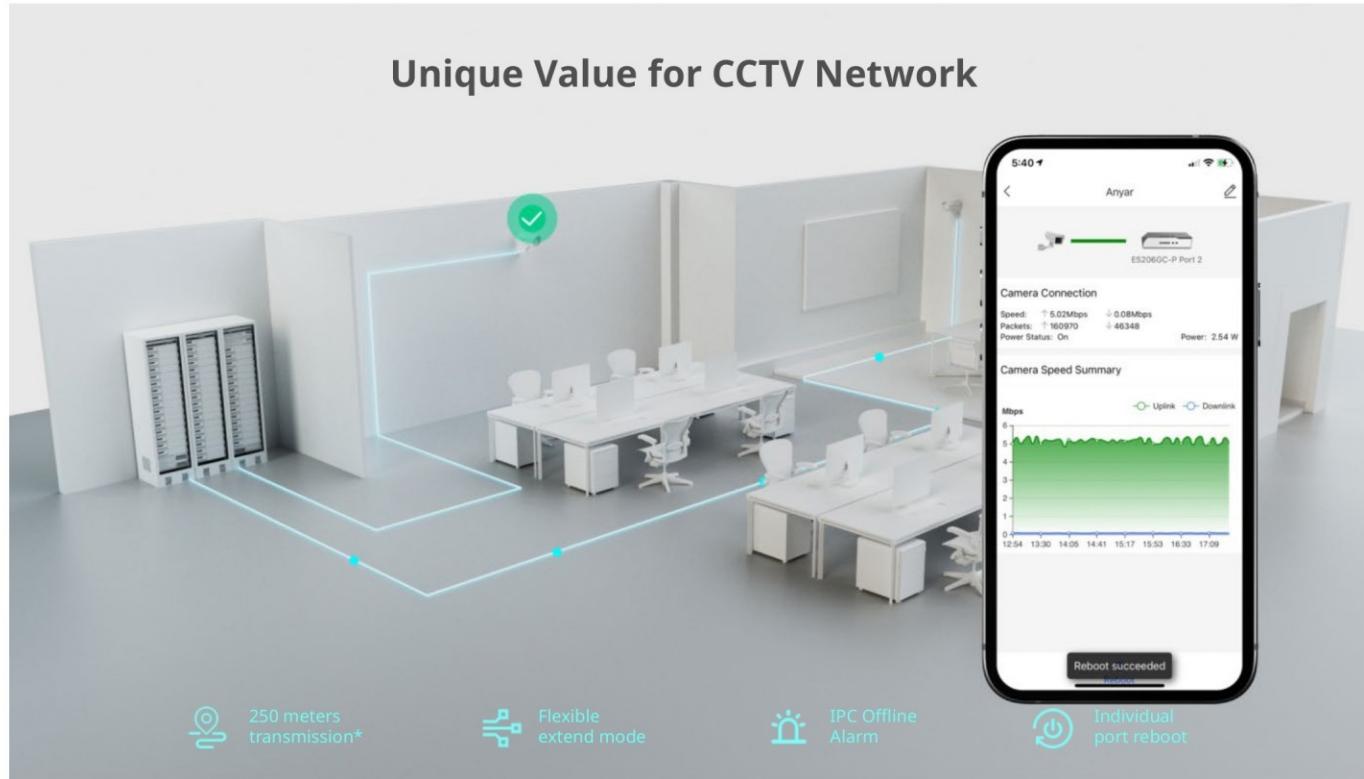
IP Camera/NVR recognition

Automatic Loop Prevention

Mobile VLAN Configuration

Intelligent PoE Adaptive

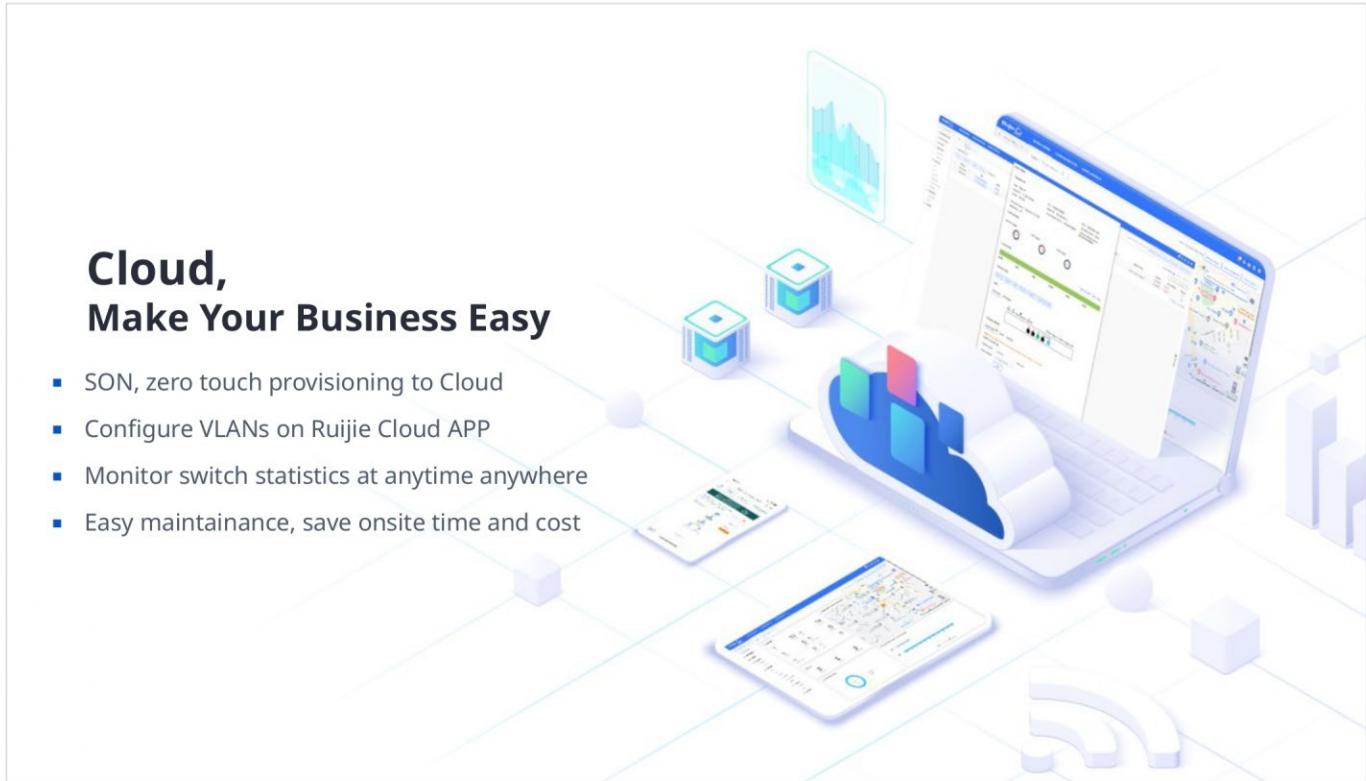
# Highlight Features



## / Highlight Features

### Cloud, Make Your Business Easy

- SON, zero touch provisioning to Cloud
- Configure VLANs on Ruijie Cloud APP
- Monitor switch statistics at anytime anywhere
- Easy maintainance, save onsite time and cost



## Product Information

Model	RG-ES210GS-P
Product Category	Layer 2

## Hardware Specifications

Model	RG-ES210GS-P
<strong>Product Information</strong>	
Warranty	3 years
<strong>Port Specifications</strong>	
Total number of RJ45 ports	10
Total number of optical ports	1
Number of 1GE combo ports	1
Number of 1GE SFP ports	1
Number of 10/100/1000BASE-T ports	10
Reset button	1
DIP switch	LED mode switch toggled to left (Mode 1): The port LED status indicates the status of traffic transmission. Solid green means that the port is link up, while blinking green means that the port is transmitting and receiving data.  LED mode switch toggled to right (Mode 2): The port LED status indicates the PoE status. Solid green means that the port is supplying power, while blinking green means that the port is in power overload state.
<strong>Power Supply and Consumption</strong>	
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

# Hardware Specifications

Model	RG-ES210GS-P
<b>PoE power pins</b>	1-2 (+), 3-6 (-)
<b>Power input</b>	<p>DC adapter:</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: 2.5 A</li> </ul> <p>Output:</p> <ul style="list-style-type: none"> <li>Rated output voltage: 54 V DC</li> <li>Maximum output current: 2.4 A</li> </ul>
<b>Maximum power consumption</b>	10 W (with no PoE load) 130 W (with PoE full load)
<b>Power supply</b>	DC power adapter
<b>System Specifications</b>	
<b>Flash memory</b>	4 MB
<b>Forwarding rate</b>	14.8 Mpps
<b>Switching capacity</b>	20 Gbps(bit/s)
<b>Dimensions and Weight</b>	
<b>Casing</b>	Metal
<b>Product dimensions (W x D x H)</b>	202 mm x 108 mm x 28 mm (7.95 in. x 4.25 in. x 1.10 in.)
<b>Weight</b>	0.55 kg (1.21 lbs) (without packaging materials) 1.65 kg (3.64 lbs) (with packaging materials)
<b>Shipping weight</b>	1.65 kg (3.64 lbs)
<b>Environment and Reliability</b>	
<b>Fan</b>	Fanless design
<b>Cooling</b>	Natural cooling
<b>Mounting options</b>	Wall/Desk
<b>Hot swapping of cables</b>	Hot swapping supported by the service port and power connector
<b>MTBF</b>	200,000 hours
<b>Operating temperature</b>	0°C to 40°C (32°F to 104°F)
<b>Storage temperature</b>	-40°C to +70°C (-40°F to +158°F)

# Hardware Specifications

Model	RG-ES210GS-P
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
Surge protection	Service port: $\pm 6$ kV for common mode Power connector: $\pm 4$ kV for common mode and $\pm 2$ 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, FCC

# Software Specifications

Model	RG-ES210GS-P
<b>Authentication</b>	
<b>RADIUS</b>	No
<b>802.1X authentication</b>	No
<b>Basic Configurations</b>	
<b>PoE watchdog</b>	Yes
<b>Online upgrade</b>	Yes
<b>Ethernet Switching</b>	
<b>Maximum number of VLANs</b>	16
<b>Maximum number of MAC address entries</b>	4000
<b>Interface flow control</b>	Yes
<b>IEEE 802.1Q VLAN</b>	Yes
<b>VLAN configuration supported on LAN ports</b>	Yes
<b>LLDP</b>	No
<b>LLDP-MED</b>	No
<b>Static MAC address</b>	Yes
<b>Static aggregation</b>	No
<b>LACP</b>	No
<b>Inbound or outbound rate limiting based on interface traffic</b>	Yes
<b>Gateway Features</b>	
<b>802.1p priority-based traffic classification</b>	No
<b>DSCP priority-based traffic classification</b>	No
<b>Interface</b>	

# Software Specifications

Model	RG-ES210GS-P
<b>Jumbo frame length (MTU)</b>	9216 bytes
<b>EEE</b>	Yes
<b>Cable test</b>	Yes
<b>IP Routing</b>	
<b>IPv4 static route</b>	No
<b>IPv6 static route</b>	No
<b>OSPFv2</b>	No
<b>OSPFv3</b>	No
<b>IP Service</b>	
<b>ARP</b>	No
<b>IPv4 ping</b>	No
<b>IPv4 traceroute</b>	No
<b>ICMPv6</b>	No
<b>IPv6 ping</b>	No
<b>IPv6 traceroute</b>	No
<b>DNS client</b>	Yes
<b>DHCP client</b>	Yes
<b>Multicast</b>	
<b>IGMPv1 snooping</b>	No
<b>IGMPv2 snooping</b>	No
<b>Basic IGMPv3 snooping</b>	No
<b>Full IGMPv3 snooping</b>	No
<b>IGMP filtering</b>	No
<b>IGMPv1, v2, and v3</b>	No

# Software Specifications

Model	RG-ES210GS-P
<b>Network Management and Monitoring</b>	
<b>Mirroring</b>	Yes
<b>HTTP login</b>	Yes
<b>HTTPS login</b>	No
<b>SON</b>	Yes
<b>Syslog</b>	No
<b>Camera detection</b>	Yes
<b>eWeb management</b>	Yes
<b>Ruijie Cloud management</b>	Yes
<b>Ruijie Reyee App management</b>	Yes
<b>SNMPv1, v2c, and v3</b>	No
<b>Security</b>	
<b>Port isolation</b>	Yes
<b>Broadcast storm control</b>	Yes
<b>Multicast storm control</b>	Yes
<b>Unknown unicast storm control</b>	Yes
<b>DHCP snooping</b>	Yes
<b>Standard ACL</b>	No
<b>Extended MAC ACL</b>	No
<b>Extended IP ACL</b>	No
<b>IPv6 ACL</b>	No
<b>ARP anti-spoofing</b>	No
<b>CPU Protection Policy</b>	Yes
<b>System Performance Capacity</b>	

## Software Specifications

Model	RG-ES210GS-P
Recommended camera limit	200W H265: 40 400W H265: 20

## Package Contents

Model	RG-ES210GS-P
<b>Manual</b>	
<b>User Manual</b>	1
<b>Warranty Card</b>	1

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