

RG-ES200 Series Layer 2 Cloud Managed Switches

Unique Value for CCTV Network



Highlights

- Abundant models fit needs for access layer in SMB network
- 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



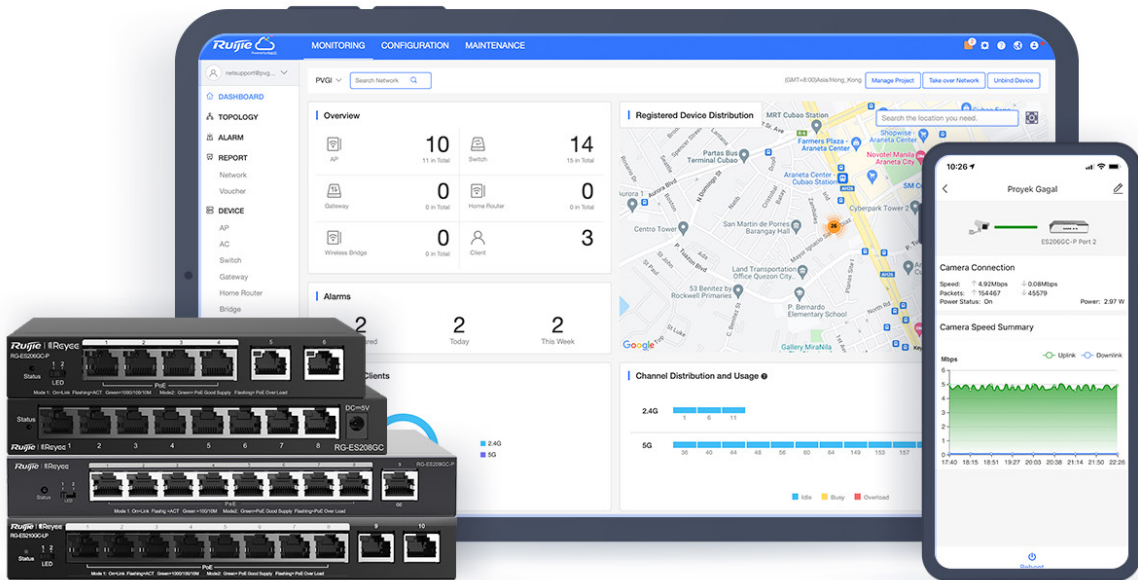
Abundant Application Scenarios



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

Unique Value for CCTV Network

250 meters transmission*

Flexible extend mode

IPC Offline Alarm

Individual port reboot

Reboot succeeded

Automatic Loop Prevention Ensures Service Continuity

Network stays connected when network loop happens

Loop Prevention
Detects and prevents loops automatically.

Loop Prevention
Detects and prevents loops automatically.

PortG3 Wireless AP port
1000M 0 4.7 Reboot | More

PortG4 Wireless AP port
1000M 0.001 5.1 Reboot | More

PortG5 Uplink port
1000M 0.010 0.0 Reboot | More

VLAN Settings

Monitor

Device Log

Delete

Reboot

Ruijie | Reyee
RG-ES205GC-P

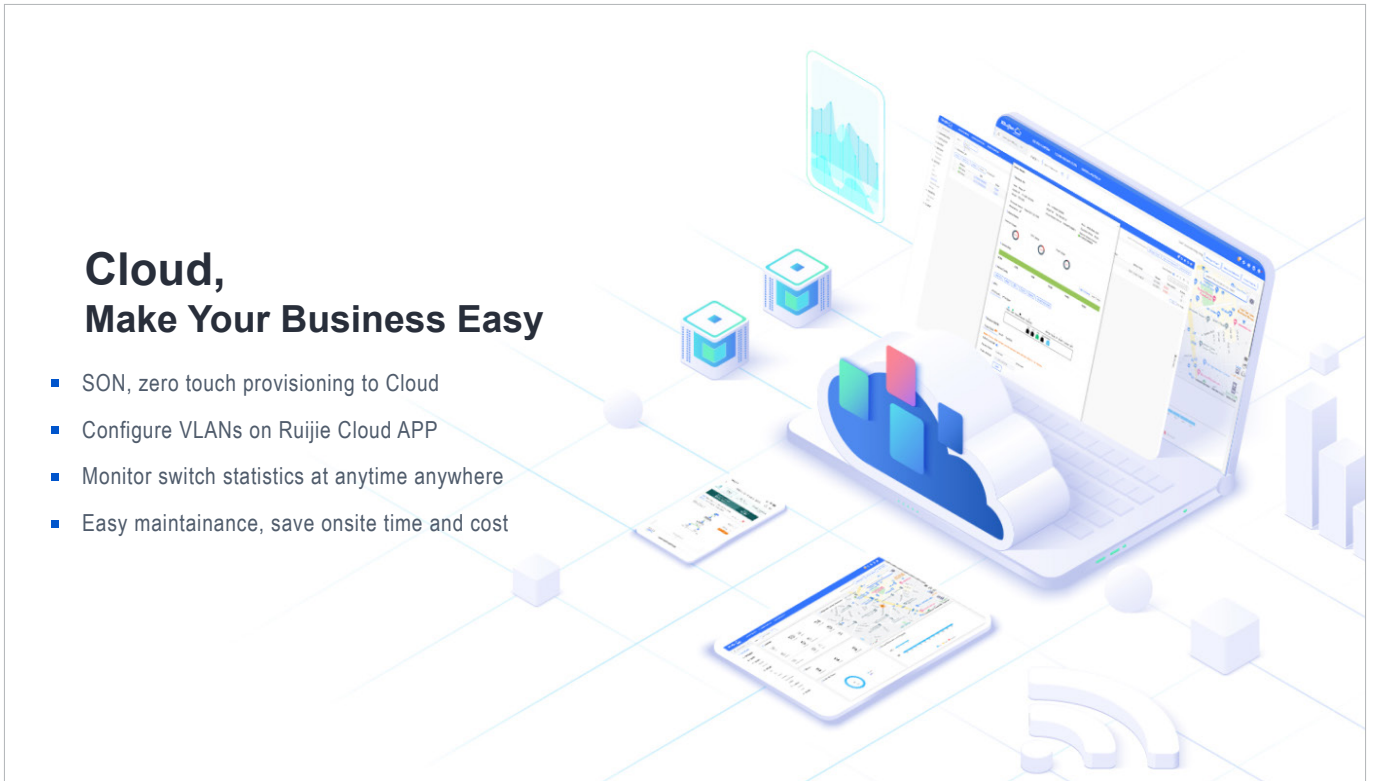
Status
LED

Mode1: On-Link Flashing-RT Green=100%/0010M Mode2: Green PoE Good Supply Flashing PoE On-Load

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 maintenance, save onsite time and cost



Specifications

Basic

| Model | RG-ES205GC-P | RG-ES205GC | RG-ES206GC-P | RG-ES208GC | RG-ES209GC-P |
|-------------------------|------------------------|------------------------|------------------------|------------------------|-------------------------|
| 10/100/1000Base-T ports | 5 | 5 | 6 | 8 | 9 |
| 1000Base-X SFP ports | - | - | - | - | - |
| PoE/PoE+ ports | 4 | - | 4 | - | 8 |
| Max. PoE budget | 54W | - | 54W | - | 120W |
| Layer Type | Layer 2 | Layer 2 | Layer 2 | Layer 2 | Layer 2 |
| Switching capacity | 10 Gbps | 10 Gbps | 12 Gbps | 16 Gbps | 18 Gbps |
| Forwarding rate | 7.44 Mpps | 7.44 Mpps | 8.93 Mpps | 11.90 Mpps | 13.39 Mpps |
| Packet Buffer | 1 Mbit | 1 Mbit | 1 Mbit | 1.5 Mbit | 1.5 Mbit |
| MAC address table | 2000 | 2000 | 4000 | 4000 | 4000 |
| Maximum VLAN Support | 16 | 16 | 16 | 16 | 16 |
| Dimensions (W x D x H) | 148 mm x 78 mm x 26 mm | 119 mm x 75 mm x 24 mm | 148 mm x 78 mm x 26 mm | 160 mm x 75 mm x 24 mm | 202 mm x 108 mm x 28 mm |
| Weight (With package) | 0.9 kg | 0.36 kg | 0.79 kg | 0.49 kg | 1.3 kg |
| MTBF (Hours) | > 200,000 | > 200,000 | > 200,000 | > 200,000 | > 200,000 |
| Warranty | 3 Years | 3 Years | 3 Years | 3 Years | 3 Years |

Software Features

| | | | | | |
|------------------------------------------------|--------------|--------------|--------------|--------------|--------------|
| 10/100/1000M Auto/Full/Half Duplex Negotiation | ✓ | ✓ | ✓ | ✓ | ✓ |
| Flow Control | ✓ | ✓ | ✓ | ✓ | ✓ |
| Storm Suppression | ✓ | ✓ | ✓ | ✓ | ✓ |
| Management IP | 10.44.77.200 | 10.44.77.200 | 10.44.77.200 | 10.44.77.200 | 10.44.77.200 |
| VLAN Range | 1 - 4094 | 1 - 4094 | 1 - 4094 | 1 - 4094 | 1 - 4094 |
| Port-based VLAN | ✓ | ✓ | ✓ | ✓ | ✓ |

Specifications

Software Features

| Model | RG-ES205GC-P | RG-ES205GC | RG-ES206GC-P | RG-ES208GC | RG-ES209GC-P |
|----------------------------|--------------|------------|--------------|------------|--------------|
| ACL | - | - | - | - | - |
| QoS | - | - | - | - | - |
| ACL | - | - | - | - | - |
| DHCP Client | ✓ | ✓ | ✓ | ✓ | ✓ |
| DHCP Snooping | ✓ | ✓ | ✓ | ✓ | ✓ |
| Telnet | 1 session | 1 session | 1 session | 1 session | 1 session |
| SSH | - | - | - | - | - |
| DNS Client | ✓ | ✓ | ✓ | ✓ | ✓ |
| SNMP v1/v2/v3 | - | - | - | - | - |
| Many-to-one Port Mirroring | ✓ | ✓ | ✓ | ✓ | ✓ |
| Downlink Loop Protection | ✓ | ✓ | ✓ | ✓ | ✓ |
| Loop Disabled Port | ✓ | ✓ | ✓ | ✓ | ✓ |
| Disconnection Duration | 2s | 2s | 2s | 2s | 2s |
| Flow Control | ✓ | ✓ | ✓ | ✓ | ✓ |
| Cable Testing | ✓ | ✓ | ✓ | ✓ | ✓ |
| Web-based Management | ✓ | ✓ | ✓ | ✓ | ✓ |
| HTTP | ✓ | ✓ | ✓ | ✓ | ✓ |
| Cloud Management | ✓ | ✓ | ✓ | ✓ | ✓ |

Specifications

Hardware Features

| Model | RG-ES205GC-P | RG-ES205GC | RG-ES206GC-P | RG-ES208GC | RG-ES209GC-P |
|-------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|-----------------------------------|
| Reset Button | Rear | Rear | Rear | Rear | Rear |
| Cable Hot-swappable | ✓ | ✓ | ✓ | ✓ | ✓ |
| Power Supply Slot | Power adapter | Power adapter | Power adapter | Power adapter | Power adapter |
| Power Consumption | ≤ 60W | ≤ 3W | ≤ 60W | ≤ 4W | ≤ 130W |
| Power Supplies | 54V DC adapter, 1.1A | 5V DC adapter, 1A | 54V DC adapter, 1.1A | 5V DC adapter, 1A | 54V DC adapter, 2.4A |
| EEE | - | - | - | - | - |
| Fan | Fanless | Fanless | Fanless | Fanless | Fanless |
| Fan Adaptive Speed Adjustment | - | - | - | - | - |
| Acoustic Noise | Noiseless | Noiseless | Noiseless | Noiseless | Noiseless |
| Operating Temperature | 0°C to 40°C (32°F to 104°F) | 0°C to 40°C (32°F to 104°F) | 0°C to 40°C (32°F to 104°F) | 0°C to 40°C (32°F to 104°F) | 0°C to 40°C (32°F to 104°F) |
| Storage Temperature | -40°C to 70°C (-40°F to 158°F) | -40°C to 70°C (-40°F to 158°F) | -40°C to 70°C (-40°F to 158°F) | -40°C to 70°C (-40°F to 158°F) | -40°C to 70°C (-40°F to 158°F) |
| Operating Humidity | 10% to 90% RH | 10% to 90% RH | 10% to 90% RH | 10% to 90% RH | 10% to 90% RH |
| Storage Humidity | 5% to 95% RH | 5% to 95% RH | 5% to 95% RH | 5% to 95% RH | 5% to 95% RH |
| Port Surge | 4 kV | 4 kV | 4 kV | 4 kV | 4 kV |
| Operating Altitude (meters) | -500 to 5000 | -500 to 5000 | -500 to 5000 | -500 to 5000 | -500 to 5000 |
| Certificate | CE, RoHS | CE, RoHS | CE, RoHS | CE, RoHS | CE, RoHS |

Specifications

Basic

| Model | RG-ES210GC-LP | RG-ES216GC | RG-ES218GC-P | RG-ES224GC | RG-ES226GC-P |
|-------------------------|-------------------------|-------------------------|---------------------------|-------------------------|---------------------------|
| 10/100/1000Base-T ports | 10 | 16 | 16 | 24 | 24 |
| 1000Base-X SFP ports | - | - | 2 | - | 2 |
| PoE/PoE+ ports | 8 | - | 16 | - | 24 |
| Max. PoE budget | 70W | - | 240W | - | 370W |
| Layer Type | Layer 2 | Layer 2 | Layer 2 | Layer 2 | Layer 2 |
| Switching capacity | 20 Gbps | 32 Gbps | 36 Gbps | 48 Gbps | 52 Gbps |
| Forwarding rate | 14.88 Mpps | 23.81 Mpps | 26.78 Mpps | 35.71 Mpps | 38.69 Mpps |
| Packet Buffer | 1.5 Mbit | 4.1 Mbit | 4.1 Mbit | 4.1 Mbit | 4.1 Mbit |
| MAC address table | 4000 | 8000 | 8000 | 8000 | 8000 |
| Maximum VLAN Support | 16 | 16 | 16 | 16 | 16 |
| Dimensions (W x D x H) | 202 mm x 108 mm x 28 mm | 440 mm x 165 mm x 44 mm | 300 mm x 230 mm x 43.6 mm | 440 mm x 165 mm x 44 mm | 440 mm x 289 mm x 43.6 mm |
| Weight (With package) | 1.38 kg | 2.7 kg | 3.5 kg | 2.8 kg | 4.2 kg |
| MTBF (Hours) | > 200,000 | > 200,000 | > 200,000 | > 200,000 | > 200,000 |
| Warranty | 3 Years | 3 Years | 3 Years | 3 Years | 3 Years |

Software Features

| | | | | | |
|------------------------------------------------|--------------|--------------|--------------|--------------|--------------|
| 10/100/1000M Auto/Full/Half Duplex Negotiation | ✓ | ✓ | ✓ | ✓ | ✓ |
| Flow Control | ✓ | ✓ | ✓ | ✓ | ✓ |
| Storm Suppression | ✓ | ✓ | ✓ | ✓ | ✓ |
| Management IP | 10.44.77.200 | 10.44.77.200 | 10.44.77.200 | 10.44.77.200 | 10.44.77.200 |
| VLAN Range | 1 - 4094 | 1 - 4094 | 1 - 4094 | 1 - 4094 | 1 - 4094 |
| Port-based VLAN | ✓ | ✓ | ✓ | ✓ | ✓ |

Specifications

Software Features

| Model | RG-ES210GC-LP | RG-ES216GC | RG-ES218GC-P | RG-ES224GC | RG-ES226GC-P |
|----------------------------|---------------|------------|--------------|------------|--------------|
| STP / RSTP | - | - | - | - | - |
| QoS | - | - | - | - | - |
| ACL | - | - | - | - | - |
| DHCP Client | ✓ | ✓ | ✓ | ✓ | ✓ |
| DHCP Snooping | ✓ | ✓ | ✓ | ✓ | ✓ |
| Telnet | 1 session | 1 session | 1 session | 1 session | 1 session |
| SSH | - | - | - | - | - |
| DNS Client | ✓ | ✓ | ✓ | ✓ | ✓ |
| SNMP v1/v2/v3 | - | - | - | - | - |
| Many-to-one Port Mirroring | ✓ | ✓ | ✓ | ✓ | ✓ |
| Downlink Loop Protection | ✓ | ✓ | ✓ | ✓ | ✓ |
| Loop Disabled Port | ✓ | ✓ | ✓ | ✓ | ✓ |
| Disconnection Duration | 2s | 2s | 2s | 2s | 2s |
| Flow Control | ✓ | ✓ | ✓ | ✓ | ✓ |
| Cable Testing | ✓ | ✓ | ✓ | ✓ | ✓ |
| Web-based Management | ✓ | ✓ | ✓ | ✓ | ✓ |
| HTTP | ✓ | ✓ | ✓ | ✓ | ✓ |
| Cloud Management | ✓ | ✓ | ✓ | ✓ | ✓ |

Specifications

Hardware Features

| Model | RG-ES210GC-LP | RG-ES216GC | RG-ES218GC-P | RG-ES224GC | RG-ES226GC-P |
|-------------------------------|-----------------------------------|-----------------------------------|----------------------------------------|-----------------------------------|----------------------------------------|
| Reset Button | Rear | Front | Front | Front | Front |
| Cable Hot-swappable | ✓ | ✓ | ✓ | ✓ | ✓ |
| Power Supply Slot | Power adapter | Single, fixed power supply | Single, fixed power supply | Single, fixed power supply | Single, fixed power supply |
| Power Consumption | ≤ 80W | ≤ 12W | ≤ 280W | ≤ 14W | ≤ 443W |
| Power Supplies | 54V DC adapter, 1.5A | 100 - 240V AC, 0.6A | 100 - 240V AC, 6A | 100 - 240V AC, 0.6A | 100 - 240V AC, 6A |
| EEE | - | - | - | - | - |
| Fan | Fanless | Fanless | Built-in, lower than 25°C stop running | Fanless | Built-in, lower than 25°C stop running |
| Fan Adaptive Speed Adjustment | - | - | ✓ | - | ✓ |
| Acoustic Noise | Noiseless | Noiseless | < 45dB | Noiseless | < 45dB |
| Operating Temperature | 0°C to 40°C (32°F to 104°F) | 0°C to 50°C (32°F to 122°F) | 0°C to 40°C (32°F to 104°F) | 0°C to 50°C (32°F to 122°F) | 0°C to 40°C (32°F to 104°F) |
| Storage Temperature | -40°C to 70°C (-40°F to 158°F) | -40°C to 70°C (-40°F to 158°F) | -40°C to 70°C (-40°F to 158°F) | -40°C to 70°C (-40°F to 158°F) | -40°C to 70°C (-40°F to 158°F) |
| Operating Humidity | 10% to 90% RH | 10% to 90% RH | 10% to 90% RH | 10% to 90% RH | 10% to 90% RH |
| Storage Humidity | 5% to 95% RH | 5% to 95% RH | 5% to 95% RH | 5% to 95% RH | 5% to 95% RH |
| Port Surge | 4 kV | 4 kV | 4 kV | 4 kV | 4 kV |
| Operating Altitude (meters) | -500 to 5000 | -500 to 5000 | -500 to 5000 | -500 to 5000 | -500 to 5000 |
| Certificate | CE, RoHS | CE, RoHS | CE, RoHS | CE, RoHS | CE, RoHS |

Package Contents

| Device | RG-ES205GC-P | RG-ES205GC | RG-ES206GC-P | RG-ES208GC | RG-ES209GC-P |
|-------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Power Supply | Power Adapter | Power Adapter | Power Adapter | Power Adapter | Power Adapter |
| Quick Start Guide | 1 | 1 | 1 | 1 | 1 |
| Warranty Card | 1 | 1 | 1 | 1 | 1 |
| Accessories | - | - | - | - | - |
| Package Weight | 0.9 kg | 0.36 kg | 0.79 kg | 0.49 kg | 1.3 kg |
| Package Dimension (w x d x h) | 249 mm x 217 mm x 62 mm | 178 mm x 158 mm x 52 mm | 249 mm x 217 mm x 62 mm | 197 mm x 172 mm x 52 mm | 305 mm x 289 mm x 64 mm |

| Device | RG-ES210GC-LP | RG-ES216GC | RG-ES218GC-P | RG-ES224GC | RG-ES226GC-P |
|-------------------------------|-------------------------|---------------------------------------------------|---------------------------------------------------|-----------------------------------------------|---------------------------------------------------|
| Power Supply | Power Adapter | Power cable | Power cable | Power cable | Power cable |
| Quick Start Guide | 1 | 1 | 1 | 1 | 1 |
| Warranty Card | 1 | 1 | 1 | 1 | 1 |
| Accessories | - | Mounting bracket * 2, Foot pad * 4, Screws * 6 | Mounting bracket * 2, Foot pad * 4, Screws * 8 | Mounting bracket, Foot pad * 4, Screws * 6 | Mounting bracket * 2, Foot pad * 4, Screws * 8 |
| Package Weight | 1.38 kg | 2.7 kg | 3.5 kg | 2.8 kg | 4.2 kg |
| Package Dimension (w x d x h) | 305 mm x 289 mm x 64 mm | 539 mm x 254 mm x 92 mm | 419 mm x 301 mm x 123 mm | 539 mm x 254 mm x 92 mm | 539 mm x 406 mm x 114 mm |

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Redefine your **e**asy **n**etwork

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