# RG-ES200 SERIES

## CLOUD MANAGED SWITCHES FOR IP SURVEILLANCE

RG-ES205GC-P/ RG-ES209GC-P/ RG-ES218GC-P/
RG-ES226GC-P/ RG-ES216GC/ RG-ES224GC

Redefine your easy network

Ruijie Networks

# Product Overview

Ruijie Reyee Series of smart surveillance PoE and non-PoE switches.
The cloud managed switches offer a variety of port options to meet the needs of video surveillance networks of different scales. RG-ES226GC-P, RG-ES218GC-P, RG-ES209GC-P and RG-ES205GC-P support full-power PoE output to ensure that all cameras can be powered simultaneously when connected to the switch at maximum capacity.

In addition, they provide simple and easy-to-use management features while offering quick configuration which allows users to quickly detect network faults, restart PoE ports and configure VLANs

The Mobile app and Ruijie Cloud remote management is also supported, making the operation and maintenance of your network easier and more convenient, while reducing operation and maintenance costs.

## Highlights

- **Auto-provisioning via self-organising network:**
- **Ruijie Cloud management:**
- **NVR/Camera Recognition**
- **Reboot the PoE Ports with remote one-click on Ruijie Cloud App**
- **Full Gigabit port**

# Technical Specifications

## PoE Models

| Model | RG-ES205GC-P | RG-ES209GC-P | RG-ES218GC-P | RG-ES226GC-P |
|---|---|---|---|---|
| **Hardware specifications** | | | | |
| Ports | 4x 10/100/1000 Mbps (PoE/PoE+)<br><br>1x 10/100/1000 Mbps | 8x 10/100/1000 Mbps (PoE/PoE+)<br><br>1x 10/100/1000 Mbps | 16x 10/100/1000 Mbps (PoE/PoE+)<br><br>2x SFP ports | 24x 10/100/1000 Mbps (PoE/PoE+)<br><br>2x SFP ports |
| Maximum output power per PoE port | 30W | 30W | 30W | 30W |
| Maximum PoE output power per switch | 54W | 120W | 240W | 370W |
| Switching capacity | 10Gbps | 18Gbps | 36Gbps | 52Gbps |
| Packet forwarding rate | 7.44Mpps | 13.392Mpps | 26.784Mpps | 38.688Mpps |
| Surge protection | Common mode: 4KV | Common mode: 4KV | Common mode: 4KV | Common mode: 4KV |
| Electrostatic discharge | Air discharge: 6KV Contact discharge: 4KV | Air discharge: 6KV Contact discharge: 4KV | Air discharge: 6KV Contact discharge: 4KV | Air discharge: 6KV Contact discharge: 4KV |
| Power consumption | ≤60W | ≤130W | ≤280W | ≤400W |
| Power supply | External power adapter | External power adapter | Built-in power supply | Built-in power supply |
| Dimensions (W x D x H) | 148*78*26mm | 202*108*28mm | 300*230*43.6mm | 440*289*43.6mm |
| MTBF | >200K | >200K | >200K | >200K |
| **Operating environment** | | | | |
| Operating temperature | 0 to 40°C | 0 to 40°C | 0 to 40°C | 0 to 40°C |
| Storage temperature | -40~70°C | -40~70°C | -40~70°C | -40~70°C |
| Operating humidity | 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 |
| **Software features** | | | | |
| MAC capacity | 2K | 4K | 8K | 8K |
| Static MAC address | 16 | 16 | 16 | 16 |
| VLAN | Support 802.1Q VLAN | | | |
| Port management | Support port status display, port traffic statistics, PoE port output power status, port duplex / negotiation rate configuration, flow control configuration, PoE output on/off | | | |
| Security | Support broadcast storm suppression, port speed limit, port isolation | | | |
| L2 features | Support port mirroring, loop protection, cable detection | | | |
| Management | Support management and configuration through web management interface, Ruijie Cloud platform and mobile app | | | |

## Non-PoE Models

| Model | RG-ES216GC | RG-ES224GC |
|---|---|---|
| Hardware specifications | | |
| Ports | 16x 10/100/1000 Mbps | 24x 10/100/1000 Mbps |
| Switching capacity | 32Gbps | 48Gbps |
| Package forwarding rate | 24Mpps | 36Mpps |
| Surge protection | Common mode: 6KV | Common mode: 6KV |
| Power consumption | <12W | <14W |
| Power supply | Built-in power supply | Built-in power supply |
| Dimensions (W x D x H) | 440x165x44mm | 440x165x44mm |
| MTBF | >200K | >200K |
| Operating environment | | |
| Operating temperature | 0 to 50°C | 0 to 50°C |
| Storage temperature | -40~70°C | -40~70°C |
| Operating humidity | 10% to 90% RH | 10% to 90% RH |
| Storage humidity | 5% to 95% RH | 5% to 95% RH |
| Software features | | |
| MAC capacity | 8K | 8K |
| Static MAC address | 16 | 16 |
| VLAN | Support 802.1Q VLAN | |
| Port management | Support port status display, port traffic statistics, port duplex / negotiation rate configuration, flow control configuration | |
| Security | Support broadcast storm suppression, port speed limit, port isolation, DHCP Snooping | |
| L2 features | Support port mirroring, loop protection, cable detection | |
| Management | Support management and configuration through web management interface, Ruijie Cloud platform and mobile app | |