



# 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

## 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+)	8x 10/100/1000 Mbps (PoE/PoE+)	16x 10/100/1000 Mbps (PoE/PoE+)	24x 10/100/1000 Mbps (PoE/PoE+)
	1x 10/100/1000 Mbps	1x 10/100/1000 Mbps	2x SFP ports	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	