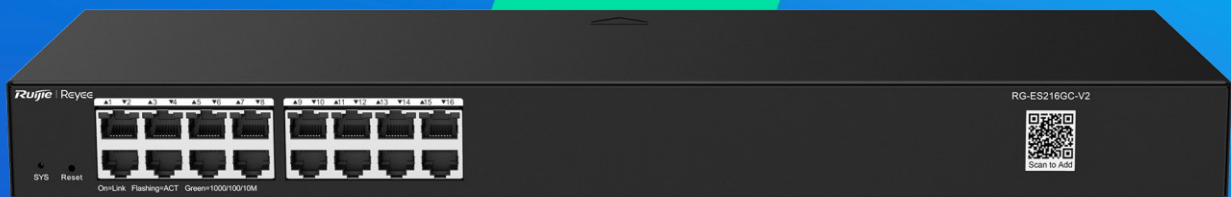


# RG-ES216GC-V2

## 16-Port Gigabit Smart Cloud Managed Non-PoE Switch



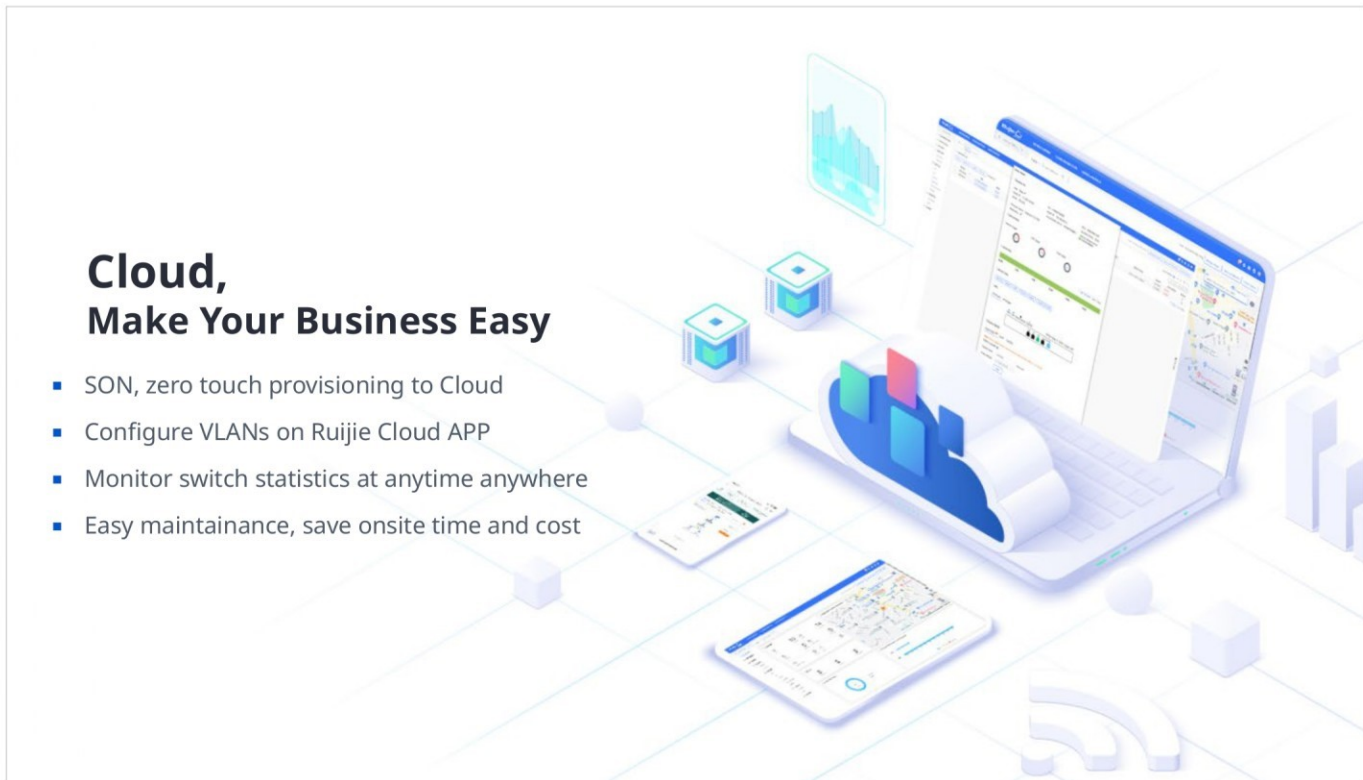
### Highlights

- 16-port gigabit cloud managed non-PoE switch
- 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

### **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



## Product Information

<b>Model</b>	<b>RG-ES216GC-V2</b>
<b>Product Category</b>	Layer 2

## Hardware Specifications

<b>Model</b>	<b>RG-ES216GC-V2</b>
<b>Product Information</b>	
<b>Warranty</b>	3 years
<b>Port Specifications</b>	
<b>Total number of RJ45 ports</b>	16
<b>Number of 10/100/1000BASE-T ports</b>	16
<b>Reset button</b>	1
<b>Power Supply and Consumption</b>	
<b>Power input</b>	220 V AC power supply: <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: 0.6 A</li></ul>
<b>Maximum power consumption</b>	10 W
<b>Power supply</b>	Fixed power supply
<b>System Specifications</b>	
<b>Flash memory</b>	8 MB
<b>Forwarding rate</b>	23.8 Mpps
<b>Switching capacity</b>	32 Gbps(bit/s)
<b>Dimensions and Weight</b>	
<b>Casing</b>	Metal
<b>Product dimensions (W x D x H)</b>	440 mm x 165 mm x 44 mm (17.32 in. x 6.50 in. x 1.73 in.)
<b>Weight</b>	2 kg (4.41 lbs) (without packaging materials) 2.61 kg (5.75 lbs) (with packaging materials)

# Hardware Specifications

Model	RG-ES216GC-V2
Shipping weight	2.61 kg (5.75 lbs)
<b>Environment and Reliability</b>	
Fan	Fanless design
Cooling	Natural cooling
Mounting options	Rack
Hot swapping of cables	Hot swapping supported by the service port and power connector
MTBF	200,000 hours
Operating temperature	0°C to 50°C (32°F to 122°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
Surge protection	Service port: ±6 kV for common mode Power connector: ±6 kV for common mode and ±6 kV for differential mode
<b>Certification and Regulatory Compliance</b>	
EMC	GB/T 9254.1-2021 class A EN 55032 EN 61000-3-2 EN 61000-3-3 EN 55035 EN 300 386
Safety compliance	EN 62638-1
Certification	CE

# Software Specifications

Model	RG-ES216GC-V2
<b>Authentication</b>	
RADIUS	No
802.1X authentication	No
<b>Basic Configurations</b>	
Online upgrade	Yes
<b>Ethernet Switching</b>	
Maximum number of VLANs	16
Maximum number of MAC address entries	8000
Interface flow control	Yes
IEEE 802.1Q VLAN	Yes
VLAN configuration supported on LAN ports	Yes
LLDP	No
LLDP-MED	No
Static MAC address	Yes
Static aggregation	No
LACP	No
Inbound or outbound rate limiting based on interface traffic	Yes
<b>Gateway Features</b>	
802.1p priority-based traffic classification	No
DSCP priority-based traffic classification	No
<b>Interface</b>	
Jumbo frame length (MTU)	10000 bytes

## Software Specifications

Model	RG-ES216GC-V2
EEE	Yes
Cable test	Yes
<b>IP Routing</b>	
IPv4 static route	No
IPv6 static route	No
OSPFv2	No
OSPFv3	No
<b>IP Service</b>	
ARP	No
IPv4 ping	No
IPv4 traceroute	No
ICMPv6	No
IPv6 ping	No
IPv6 traceroute	No
DNS client	Yes
DHCP client	Yes
<b>Multicast</b>	
IGMPv1 snooping	No
IGMPv2 snooping	No
Basic IGMPv3 snooping	No
Full IGMPv3 snooping	No
IGMP filtering	No
IGMPv1, v2, and v3	No
<b>Network Management and Monitoring</b>	

# Software Specifications

Model	RG-ES216GC-V2
Mirroring	Yes
HTTP login	Yes
HTTPS login	No
SON	Yes
Syslog	No
Camera detection	Yes
eWeb management	Yes
Ruijie Cloud management	Yes
Ruijie Reyee App management	Yes
SNMPv1, v2c, and v3	No
<b>Security</b>	
Port isolation	Yes
Broadcast storm control	Yes
Multicast storm control	Yes
Unknown unicast storm control	Yes
DHCP snooping	Yes
Standard ACL	No
Extended MAC ACL	No
Extended IP ACL	No
IPv6 ACL	No
ARP anti-spoofing	No
CPU Protection Policy	Yes
<b>System Performance Capacity</b>	
Recommended camera limit	200W H265: 80 400W H265: 40





## Package Contents

Model	RG-ES216GC-V2
<b>Accessories</b>	
Rubber pad	4
Screw	6 X M4 x 8 mm cross recessed countersunk head screws
Rack-mount bracket	2
<b>Manual</b>	
User Manual	1
Warranty Card	1

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**Ruijie Networks Co., Ltd.**

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