DATASHEET

RG-ES207GS-AC-OD

7-Port Gigabit Outdoor Switch with AC Input

Highlights

- 2 x SFP Ports for ERPS
- All-in-one Outdoor Switch, 4-in-1 Integration
- High-Level Weatherproofing: IP65 Rating, ±8 kV PoE Surge Protection
- Camera Troubleshooting
- Uninterrupted PoE Power Supply

Date: 2026.7.16

RG-ES207GS-AC-OD
7-Port Gigabit Outdoor Switch with AC Input
AC Input Port
Reset
2 x 1 Gbps SFP Ports
5 x 1 Gbps RJ45 Ports
Port 1-4 support PoE+ Out
Cable Outlet
AC Input
PoE Budget
60W
ERPS
3 Years
Warranty

All in One
Combine Four Devices into One
No Need
1
Waterproof Box
2
PoE Switch
3
Power Strip
4
Power Adapter

High Waterproof Level

Outdoor-Rated Features for Harsh Environments

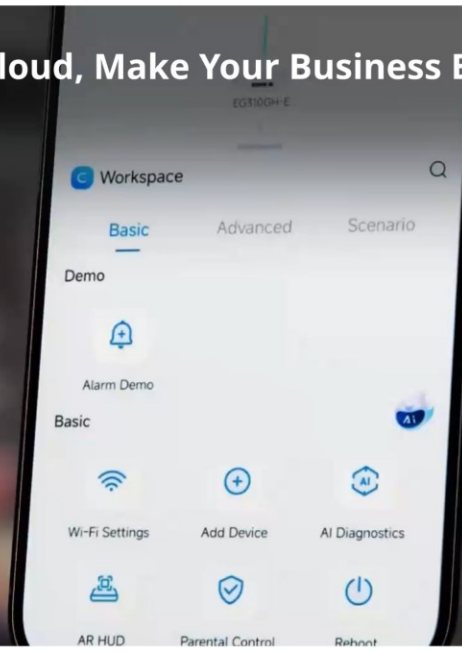
Flexible Link

ERPS for Fiber-Ready Outdoor Environment

Flexible Link

Wireless Connectivity for Non-Fiber Outdoor Environments

Cloud, Make Your Business Easy



Product Information

Model	RG-ES207GS-AC-OD
Product Category	Layer 2

Hardware Specifications

Model	RG-ES207GS-AC-OD
Power Supply and Consumption	
PoE Out standard	PoE/PoE+ (IEEE 802.3af/at)
Number of PoE Out ports	4
Number of PoE/PoE+ Out ports	4
PoE budget	60 W
PoE power pins	1–2 (+), 3–6 (-)
Power input	220 V AC power supply: ● Rated input voltage: 100 V AC to 240 V AC, 50 Hz to 60 Hz ● Maximum input voltage: 90 V AC to 264 V AC, 47 Hz to 63 Hz ● Maximum input current: 1.5 A
Maximum power consumption	4.8 W (with no PoE load) 70 W (with full PoE load)
Power supply	Fixed power supply
System Specifications	
Flash memory	8 MB
Forwarding rate	10.42 Mpps
Switching capacity	14 Gbps(bit/s)
Environment and Reliability	
Fan	Fanless design
Cooling	Natural cooling
Mounting options	Wall/Pole
Hot swapping of cables	Hot swapping supported by the service port and power connector

Hardware Specifications

Model	RG-ES207GS-AC-OD
MTBF	200,000 hours
Operating temperature	–30°C to +65°C (–22°F to 149°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: ±8 kV for common mode Power connector: ±6 kV for common mode and ±6 kV for differential mode
Certification and Regulatory Compliance	
EMC	EN 55032 EN IEC 61000-3-2 EN 61000-3-3 EN 55035 EN 300 386
Safety compliance	EN 62368-1 IEC 62368-1
Certification	CE, CB
Port Specifications	
Total number of RJ45 ports	5
Total number of optical ports	2
Number of 1GE SFP ports	2
Number of 10/100/1000BASE-T ports	5
Reset button	1
Product Information	
Warranty	3 years
Dimensions and Weight	

Hardware Specifications

Model	RG-ES207GS-AC-OD
Casing	Plastic
Product dimensions (W x D x H)	328 mm x 200 mm x 62.8 mm (12.91 in. x 7.87 in. x 2.47 in.)
Weight	1.38 kg (3.04 lbs) (without packaging materials)
Shipping weight	2.17 kg (4.78 lbs)

Software Specifications

Model	RG-ES207GS-AC-OD
Multicast	
IGMPv1 snooping	No
IGMPv2 snooping	No
Basic IGMPv3 snooping	No
Full IGMPv3 snooping	No
IGMP filtering	No
IGMPv1, v2, and v3	No
Interface	
Jumbo frame length (MTU)	9216 bytes
EEE	Yes
Cable test	Yes
Authentication	
RADIUS	No
802.1X authentication	No
IP Service	
ARP	No
IPv4 ping	Yes
IPv4 traceroute	No
ICMPv6	No
IPv6 ping	No
IPv6 traceroute	No
DNS client	Yes
DHCP client	Yes
Ethernet Switching	

Software Specifications

Model	RG-ES207GS-AC-OD
Maximum number of VLANs	32
Maximum number of MAC address entries	2000
Interface flow control	Yes
IEEE 802.1Q VLAN	Yes
LLDP	No
LLDP-MED	No
Static MAC address	Yes
Static aggregation	Yes
LACP	No
Inbound or outbound rate limiting based on interface traffic	Yes
Basic Configurations	
PoE watchdog	Yes
Uninterruptible power supply upon warm start	Yes
Online upgrade	Yes
Network Management and Monitoring	
Mirroring	Yes
HTTP login	Yes
HTTPS login	Yes
SON	Yes
Syslog	No
Camera detection	Yes
eWeb management	Yes
Ruijie Cloud management	Yes

Software Specifications

Model	RG-ES207GS-AC-OD
Ruijie Reyee App management	Yes
SNMPv1, v2c, and v3	No
Reliability	
Load balancing	No
ERPS	Yes
System Performance Capacity	
Recommended camera limit	200W H265: 40 400W H265: 20
Security	
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
Gateway Features	
802.1p priority-based traffic classification	No
DSCP priority-based traffic classification	No
IP Routing	

Software Specifications

Model	RG-ES207GS-AC-OD
IPv4 static route	No
IPv6 static route	No
OSPFv2	No
OSPFv3	No

Package Contents

Model	RG-ES207GS-AC-OD
Manual	
User Manual	1
Warranty Card	1
Device	
Device	1
Accessories	
Screw	4 x ST4.2 x 19 mm screws
Mounting bracket	1
Hose clamp	2
Expansion anchor	4
Terminal block	1

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Ruijie Networks Co., Ltd.

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