RG-CS61 Series

Layer 3 Access Switches with 2.5G Uplinks



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Datasheet

Date: 2026-09-29

Product Overview

Introduction

The RG-CS61 series consists of next-generation, high-performance Layer 3 access switches launched by Ruijie Cybrey for small- and medium-sized enterprise (SME) networks, including office, star-rated hotel, education, warehouse, and logistics scenarios. The switch series includes Power over Ethernet (PoE) and non-PoE models, and meets networking requirements of wired, wireless, video surveillance, and other scenarios.

Product Appearance

RG-CS61-10GT2MS-P



RG-CS61-24GT4MS



RG-CS61-24GT4MS-P



RG-CS61-48GT4MS-P



Product Highlights

1. **2.5G uplink ports**
2. **High reliability and stability**

- 10 kV surge protection on ports
- Maximum operating temperature at 50° C (122° F)
- Dual flash, dual boot, and dual bin
- Circuit isolation protection based on optical ports
- Up to eight member devices in Virtual Switch Unit (VSU)

3. **Comprehensive Layer 3 service features**

Product Features

2.5G uplink ports

To handle the continuous, high-volume data streams on video networks, the 2.5G uplink ports deliver 2.5 times the bandwidth of a traditional 1G uplink port. This not only allows a single switch to connect more ultra-HD devices with ease, but also offers powerful resistance to traffic surges. As a result, the switch handles sudden high-bitrate streams smoothly, ensuring zero stutter and ultra-low latency for the transmission of critical surveillance data.

10 kV surge protection on ports

The switch series provides 10 kV surge protection, effectively defending against hardware damage caused by lightning strikes and sudden voltage fluctuations. This ensures reliable 24/7 network operation for customers, even in harsh environments and extreme weather conditions.

Maximum operating temperature at 50°C (122°F)

The switch series supports stable operation at temperatures up to 50° C (122° F). Under the same environmental conditions, the switches experience lower thermal stress and deliver greater component stability, enabling flexible deployment without the need for dedicated server-room air conditioning and significantly reducing overall network deployment and maintenance costs.

Dual flash, dual boot, and dual bin

Two independent flash chips each store a complete boot image, enabling automatic selection of the active or backup partition at startup. If the active partition is abnormal, the system can quickly switch to the backup partition at the hardware level for higher reliability. In addition, the dual-bin mechanism provides both active and backup operating systems, allowing automatic rollback to the backup system in the event of an upgrade failure or firmware corruption. This effectively reduces the risk of device downtime and ensures highly reliable service continuity.

Circuit isolation protection based on optical ports

With an area-based power supply, an optical port failure affects only the optical ports within the same area. This design isolates faults without impacting services on other ports or the normal operation of the motherboard, greatly reducing the negative impact caused by optical port failures and ensuring service continuity.

Virtual Switching Unit

The switch series supports VSU. VSU uses aggregate links to connect multiple physical devices and virtualize them into a single logical device. These devices share the same IP address, Telnet process, and CLI for unified management, and support automatic version checks and automatic configuration. Administrators can manage the entire network through a single logical node, which significantly simplifies the network topology and routine O&M.

Layer 3 service features

The switch series delivers comprehensive Layer 3 advanced routing capabilities, including support for dynamic routing protocols such as Open Shortest Path First (OSPF), Intermediate System-to-Intermediate System (IS-IS), and Routing Information Protocol (RIP), as well as multicast protocols such as Protocol Independent Multicast-Dense Mode (PIM-DM) and Protocol Independent Multicast-Sparse Mode (PIM-SM), enabling network deployments with ease. With VPN routing and forwarding (VRF)-based service isolation and policy-based routing (PBR), the switch series provides flexible and secure traffic control. In addition, by integrating equal-cost multi-path routing (ECMP), Link Aggregation Control Protocol (LACP), and Fast Reroute (FRR), the switch series ensures efficient load balancing and millisecond-level high reliability across network links.

Convenient O&M experience

The switch series is equipped with console and management ports, and supports multiple management methods including CLI, Web UI, SNMP, and cloud/mobile apps, meeting configuration needs across all scenarios from local to remote management. The switch series also integrates advanced network diagnostic tools such as OAM link detection, sFlow traffic analysis, and RSPAN remote port mirroring, enabling network traffic visualization and millisecond-level fault identification.

Product Specifications

Hardware Specifications

Port Specifications	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
Fixed service port	24 x 10/100/1000BASE-T ports 4 x 1GE/2.5GE SFP ports	24 x 10/100/1000BASE-T ports, supporting PoE/PoE+ 4 x 1GE/2.5GE SFP ports	10 x 10/100/1000BASE-T ports, ports 1 to 8 supporting PoE/PoE+ 2 x 1GE/2.5GE SFP ports	48 x 10/100/1000BASE-T ports, supporting PoE/PoE+ 4 x 1GE/2.5GE SFP ports
Console port	1			
USB	1			

System Specifications	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
Switching capacity	68 Gbps (Gbit/s)	68 Gbps (Gbit/s)	30 Gbps (Gbit/s)	116 Gbps (Gbit/s)
Forwarding rate	50.59 Mpps	50.59 Mpps	22.32 Mpps	86.3 Mpps
Packet buffer size	12 Mbit			
CPU	Dual-core ARM A55 CPU frequency up to 1.0 GHz			
SDRAM	2 GB			
Flash memory	512 MB			
BootROM	16 MB			
Real-time clock (RTC)	Yes			

Dimensions and Weight	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
Unit dimensions (W x D x H)	442 mm x 222.8 mm x 43.6 mm (17.4 in. x 8.77 in. x 1.72 in.)	442 mm x 222.8 mm x 43.6 mm (17.4 in. x 8.77 in. x 1.72 in.)	300 mm x 225.8 mm x 43.6 mm (11.81 in. x 8.89 in. x 1.72 in.)	440 mm x 262.8 mm x 43.6 mm (17.32 in. x 10.35 in. x 1.72 in.)
Rack height	1 RU			
Packaging dimensions (W x D x H)	540 mm x 340 mm x 153 mm	540 mm x 340 mm x 153 mm	480 mm x 385 mm x 375 mm	560 mm x 377 mm x 150 mm

Dimensions and Weight	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
	(21.26 in. x 13.39 in. x 6.02 in.)	(21.26 in. x 13.39 in. x 6.02 in.)	(18.9 in. x 15.16 in. x 14.76 in.)	(22.05 in. x 14.84 in. x 5.91 in.)
Unit weight	2.60 kg (5.73 lbs)	2.90 kg (6.39 lbs)	2.10 kg (4.63 lbs)	4.3kg (9.48 lbs)
Packaging weight	3.60 kg (7.94 lbs)	4.03 kg (8.88 lbs)	2.76 kg (6.08 lbs)	5.57 kg (12.28 lbs)

Power Supply and Consumption	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
Power supply mode	1 x fixed power supply			
Maximum power consumption	110 V: 22.407 W 220 V: 22.163 W	Full-load: 110 V: 439.65 W 220 V: 428.56 W No-load: 110 V: 34.179 W 220 V: 33.511 W	Full-load: 110 V: 144.88 W 220 V: 142.3 W No-load: 110 V: 14.2 W 220 V: 14.2 W	Full-load: 110 V: 456.65 W 220 V: 446.79 W No-load: 110 V: 56.064 W 220 V: 55.438 W
Power input	AC input ● 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: 0.6 A	AC input ● 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: 6 A	AC input ● 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: 3.5 A	AC input ● 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: 6 A
PoE	-	Yes	Yes	Yes
Number of PoE-out ports	-	All RJ45 ports support PoE/PoE+ (IEEE802.3af/at) power supply	ports 1 to 8 supporting PoE/PoE+ (IEEE802.3af/at) power supply	All RJ45 ports support PoE/PoE+ (IEEE802.3af/at) power supply
PoE budget	-	370 W	125 W	370 W
PoE budget per port	-	30 W	30 W	30 W
PoE power cable pairs	-	Mode A (1-2, 3-6 pairs)	Mode A (1-2, 3-6 pairs)	Mode A (1-2, 3-6 pairs)

Environment and Reliability	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
Operating temperature	0°C to 50°C (32°F to 122°F)			
Storage temperature	–40°C to +70°C (–40°F to +158°F)			

Environment and Reliability	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
Operating humidity	10% RH to 90% RH (non-condensing)			
Storage humidity	5% RH to 95% RH (non-condensing)			
Operating altitude	0 m to 5000 m (0 ft. to 16,404.20 ft.)			
Cooling	Natural cooling	Air cooling, left-to-right airflow	Natural cooling	Air cooling, left-to-rear airflow
Fan	Fanless design	1 x fixed fan	Fanless design	2 x fixed fans
Noise	-	27°C (80.6°F): 40 dB	-	27°C (80.6°F): 40 dB
Fan speed adjustment	-	Intelligent speed adjustment	-	Intelligent speed adjustment
Hot swapping of cables	Yes			
USB hot swapping	Yes			
Surge protection	Service port: ±10 kV for common mode Power connector: ±6 kV for common mode and ±6 kV for differential mode			
ESD prevention	Contact discharge: 6 kV Air discharge: 8 kV			
Temperature monitoring and protection	Temperature monitoring, temperature alarm, and over-temperature protection			
Fan monitoring	-	Fault alarm	-	Fault alarm
MTBF	> 400,000 hours			
Energy efficiency	Yes			

Certification and Regulatory Compliance	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
Safety regulations	IEC 62368-1 EN 62368-1			
EMC regulations	EN 300386, EN 55032 Class A, EN 55035, EN IEC 61000-3-2, EN 61000-3-3, EN 61000-4-2, EN IEC 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN IEC 61000-4-11			

Product Information	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
Warranty	5 years			

Software Specifications

Layer 2 Features	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
VLAN	IEEE 802.1Q Port-based VLAN MAC-based VLAN Voice VLAN IP/Subnet-based VLAN Protocol-based VLAN Private VLAN Super VLAN GVRP			
Spanning tree	IEEE802.1d STP IEEE802.1w RSTP Standard 802.1s MSTP			
LLDP	LLDP LLDP-MED			
Basic QinQ	Basic QinQ Transparent transmission of double-tagged packets			
Selective QinQ	Selective QinQ			
REUP	REUP			
RLDP	RLDP			
ERPS(G.8032)	ERPS(G.8032)			
Layer 3 Features	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
ARP	ARP anyIP			
ND	Neighbor discovery			
VRF	IPv4 and IPv6 VRF			
Routing Features	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
Static routing	IPv4 static routing IPv6 static routing			
OSPF	OSPFv2 basics OSPFv3 basics			
RIP	RIP			

Routing Features	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
	RIPv2			
RIPng	RIPng			
PBR	IPv4 PBR IPv6 PBR			

Multicast Features	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
IGMP snooping	IGMP snooping v1/v2 IGMP snooping v3			
IGMP	IGMPv1/v2/v3 IGMP proxy			
MLD snooping	MLD snooping MLD snooping v2			
MLD	MLDv1/v2			
PIM-SMv4	PIM-SMv4 PIM-SSMv4			
PIM-DMv4	PIM-DMv4			
PIM-SMv6	PIM-SMv6 PIM-SSMv6			
MSDP	MSDP			

ACL and QoS	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
ACL	IP standard ACL IP extended ACL MAC extended ACL IPv6 ACL Expert ACL Time-based ACL ACL-based redirection ACL80			
QoS	Traffic classification based on 802.1p priorities, DSCP priorities, and IP precedences SP WRR SP+WRR DRR SP+DRR WFQ SP+WFQ Congestion avoidance: tail drop Traffic shaping (ingress/egress)			

Security Features	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
802.1X	Port-based authentication MAC-based authentication			
AAA	AAA			
Web-based authentication	HTTP-based authentication HTTPS-based authentication			
IP source guard	IP source guard			
IPv6 source guard	IPv6 source guard			
SAVI	SAVI			
Global IP-MAC binding	Configuring global IP-MAC binding entries			
TACACS+	TACACS+			
CPP	Hardware CPP			
Port isolation	Port isolation			
RADIUS	RADIUS			
Port Security	Port Security			
NFPP	NFPP			

High Availability	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
VSU	Device virtualization			
VRRP	IPv4 VRRPv2 IPv4 VRRPv3 IPv6 VRRP			
VRRP+	IPv4 VRRP+ IPv6 VRRP+			
BFD	BFD detection			
DLDP	DLDP			

Interface Features	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
Aggregate interface	LACP basics			
Mirroring	SPAN RSPAN			

Management Features	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
SNMP	SNMPv1/v2c/v3 RMON (1, 2, 3, 9)			
SSH	SSHv2 SSHv1			
sFlow	sFlow			
gRPC	gRPC framework			
NETCONF	NETCONF			
SON	SON			
Cybrey Cloud	Cybrey Cloud			
OAM Features	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
PoE	-	Uninterrupted power supply upon warm start PoE port priority	Uninterrupted power supply upon warm start PoE port priority	Uninterrupted power supply upon warm start PoE port priority
IP Services	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
DHCP	DHCPv4 client DHCPv4 server DHCPv4 relay DHCPv4 snooping DHCPv6 client DHCPv6 relay DHCPv6 snooping			
ND snooping	ND snooping			
DNS	DNS client DNSv6 client			
NTP	NTP client NTP server			
SNTP	SNTP client SNTP			
FTP	FTP client FTP server			
TFTP	TFTP client TFTP server			
System Features	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
USB	USB 2.0			

System Features	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P

Performance Capacity

Layer 2 Features	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
Maximum number of global MAC addresses (The device must be able to learn the maximum number of MAC addresses in the full-mesh test model.)	Default: 16000 (subject to the UFT capacity)			
Maximum number of created VLANs	4094			
Jumbo frame length / Port MTU	9216			
Layer 2 traffic convergence time	≤ 200 ms			

Layer 3 Features	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
Maximum number of ARP entries	4000			

Routing Features	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
IPv4 routing table size	6000			
IPv6 routing table size	2000			

Multicast Features	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
Maximum number of IPv4 multicast routing table entries	1000 Number of multicast groups x Number of outbound interfaces ≤ 1000			
Maximum number of IPv6 multicast routing table entries	900			

ACL and QoS	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
Maximum number of inbound ACE entries	1750			
Maximum number of outbound ACE entries	800 (The capacity can reach 800 when only Layer 2 match fields, excluding inner tags, are used. If other match fields are added, the capacity may decrease to 350.)			
Maximum number of QoS hardware queues	8 (shared by unicast and multicast traffic)			

High Availability	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
Maximum number of VSU members	8			

Package Contents

Device	RG-CS61-24GT4MS	RG-CS61-24GT4MS-P	RG-CS61-10GT2MS-P	RG-CS61-48GT4MS-P
Main unit	1			
Accessories	**RG-CS61-24GT4MS**	**RG-CS61-24GT4MS-P**	**RG-CS61-10GT2MS-P**	**RG-CS61-48GT4MS-P**
Power cord	1			
Rack-mount bracket	2			
Screw	6 x M4 x 8 mm screws	6 x M4 x 8 mm screws	6 x M3 x 6 mm screws	6 x M4 x 8 mm screws
Rubber pad	4			
Grounding wire	1			
Power cord retention clip	1			
Manual	**RG-CS61-24GT4MS**	**RG-CS61-24GT4MS-P**	**RG-CS61-10GT2MS-P**	**RG-CS61-48GT4MS-P**
User Manual	1			
Warranty Card	1			

Protocol Compliance

RG-CS61 Series	
Organization	Standards and Protocol
IETF	RFC 1157 A Simple Network Management Protocol (SNMP) RFC 1305 Network Time Protocol Version 3 (NTP) RFC 1349 Internet Protocol (IP) RFC 1350 TFTP Protocol (revision 2) RFC 1519 CIDR RFC 1591 Domain Name System Structure and Delegation RFC 1643 Ethernet Interface MIB RFC 1757 Remote Network Monitoring (RMON) RFC 1812 Requirements for IP Version 4 Router RFC 1901 Introduction to Community-based SNMPv2 RFC 1902-1907 SNMP v2 RFC 1918 Address Allocation for Private Internet RFC 2131 Dynamic Host Configuration Protocol (DHCP) RFC 2132 DHCP Options and BOOTP Vendor Extensions RFC 2571 SNMP Management Frameworks RFC 2863 The Interfaces Group MIB RFC 2925 Definitions of Managed Objects for Remote Ping, Traceroute, and Lookup Operations (Ping only) RFC 3046 DHCP Option82 RFC 3417 (SNMP Transport Mappings) RFC 3418 Management Information Base (MIB) for the Simple Network Management Protocol (SNMP) RFC 4022 MIB for TCP RFC 768 User Datagram Protocol (UDP) RFC 783 TFTP Protocol (revision 2) RFC 792 Internet Control Message Protocol (ICMP) RFC 793 Transmission Control Protocol (TCP) RFC 813 Window and Acknowledgement Strategy in TCP RFC 815 IP datagram reassembly algorithms RFC 826 Ethernet Address Resolution Protocol (ARP) RFC 854 Telnet Protocol RFC 959 File Transfer Protocol (FTP) RFC 2865 Remote Authentication Dial In User Service (RADIUS) RFC 3575 IANA Considerations for RADIUS RFC 3579 RADIUS Support For EAP RFC 1058 Routing Information Protocol (RIP) RFC 1583 OSPF Version 2 RFC 1981 Path MTU Discovery for IP version 6 RFC 2236 IGMP RFC 2328 OSPF Version 2 RFC 2460 Internet Protocol, Version 6 (IPv6) RFC 2461 Neighbor Discovery for IP Version 6 (IPv6) RFC 2462 IPv6 Stateless Address Auto configuration RFC 2463 Internet Control Message Protocol for IPv6 (ICMPv6) RFC 2711 IPv6 Router Alert Option RFC 2787 Definitions of Managed Objects for the Virtual Router Redundancy Protocol RFC 2934 Protocol Independent Multicast MIB for IPv4 RFC 3101 OSPF Not so stubby area option RFC 3137 OSPF Stub Router Advertisement sFlow RFC 3509 Alternative Implementations of OSPF Area Border Routers RFC 3513 IP Version 6 Addressing Architecture RFC 3623 Graceful OSPF Restart RFC 3768 VRRP RFC 3810 Multicast Listener Discovery Version 2 (MLDv2) for IPv6 RFC 3973 PIM Dense Mode RFC 4552 Authentication/Confidentiality for OSPFv3 RFC 4750 OSPFv2 MIB partial support no SetMIB RFC 4940 IANA Considerations for OSPF RFC 5187 OSPFv3 Graceful Restart RFC 5340 OSPFv3 for IPv6 RFC 6620 FCFS SAVI

Protocol Compliance

RG-CS61 Series	
IEEE	IEEE 802.2 Logical Link Control IEEE 802.1ab Link Layer Discovery Protocol IEEE 802.1ad Provider Bridges IEEE 802.1ax/IEEE802.3ad Link Aggregation IEEE 802.1D Media Access Control (MAC) Bridges IEEE 802.1D Spanning Tree Protocol IEEE 802.1Q Virtual Bridged Local Area Networks (VLAN) IEEE 802.1s Multiple Spanning Tree Protocol IEEE 802.1w Rapid Spanning Tree Protocol IEEE 802.3ad Link Aggregation Control Protocol (LACP) IEEE Std 802.3x Full Duplex and flow control

Ordering Information

The devices, expansion modules, power modules, and other components can be ordered as needed. Before ordering any expansion module or power module, contact the online customer service for the latest compatibility and support information.

Devices

Model	Description
RG-CS61-24GT4MS	24 x 10/100/1000BASE-T ports, 4 x 1GE/2.5GE SFP ports, fixed power supply
RG-CS61-48GT4MS-P	48 x 10/100/1000BASE-T ports, 4 x 1GE/2.5GE SFP ports, fixed power supply, PoE/PoE+ power supply, 370 W PoE power supply
RG-CS61-24GT4MS-P	24 x 10/100/1000BASE-T ports, 4 x 1GE/2.5GE SFP ports, fixed power supply, PoE/PoE+ power supply, 370 W PoE power supply
RG-CS61-10GT2MS-P	10 x 10/100/1000BASE-T ports, 2 x 1GE/2.5GE SFP ports, fixed power supply, PoE/PoE+ power supply, 125 W PoE power supply

Optical Transceivers and Cables

1GE

Model	Description
Mini-GBIC-GT	1000BASE-X to 1000BASE-T, copper SFP transceiver, RJ45, 100 m over Cat 5e/6/6a Mini-GBIC-GT. The port needs to be configured with auto-negotiation
CO-GE-SFP-SX-MM850	1000BASE-SX, SFP transceiver, 850 nm, Duplex LC, 500 m over MMF
CO-GE-SFP-LX-SM1310	1000BASE-LX, SFP transceiver, 1310 nm, Duplex LC, 10 km over SMF
MINI-GBIC-LH40-SM1310	1000BASE-LH, SFP transceiver, 1310 nm, Duplex LC, 40 km over SMF
MINI-GBIC-ZX80-SM1550	1000BASE-ZX, SFP transceiver, 1550 nm, Duplex LC, 80 km over SMF
GE-SFP-LX20-SM1310-BIDI	1000BASE-LX, SFP transceiver, Tx1310/Rx1550, BiDi LC, 20 km over SMF
GE-SFP-LX20-SM1550-BIDI	1000BASE-LX, SFP transceiver, Tx1550/Rx1310, BiDi LC, 20 km over SMF
GE-SFP-LH40-SM1310-BIDI	1000BASE-LH, SFP transceiver, Tx1310/Rx1550, BiDi LC, 40 km over SMF
GE-SFP-LH40-SM1550-BIDI	1000BASE-LH, SFP transceiver, Tx1550/Rx1310, BiDi LC, 40 km over SMF

2.5GE

Model	Description
2.5G-SFP-LX03-SM1310-BIDI-I	2.5GBASE-LX, SFP transceiver, TX1310/RX1550, BiDi LC, 3 km over SMF
2.5G-SFP-LX03-SM1550-BIDI-I	2.5GBASE-LX, SFP transceiver, TX1550/RX1310, BiDi LC, 3 km over SMF

Warranty

For more information about warranty terms and periods, contact your local sales agency.
Warranty terms: https://www.ruijie.com/en-global/support/servicepolicy
Warranty period: https://www.ruijie.com/en-global/support/servicepolicy/cybrey-product-warranty
Note: The warranty terms are subject to the requirements of different countries and distributors.

More Information

To learn more about the product, please visit our website or contact your local sales representative.

- Ruijie Networks official website: https://www.ruijie.com/
- Online support: https://www.ruijie.com/support
- Hotline support: https://www.ruijie.com/support/hotline
- Email support: service_rj@ruijienetworks.com


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