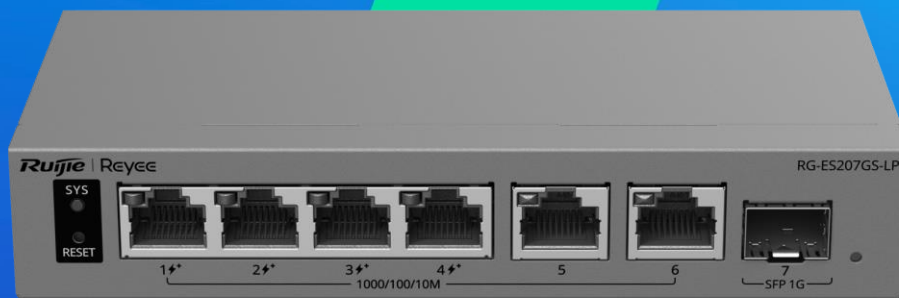


RG-ES207GS-LP

7-Port Gigabit Smart Cloud Managed PoE Switch



Highlights

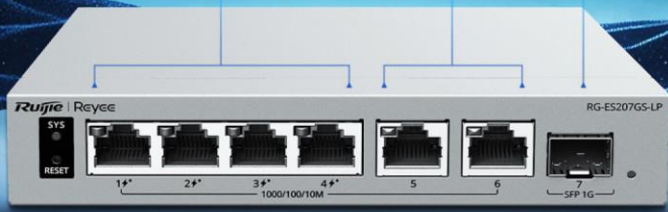
- Cost-Effective Switch
- IPC Recognition for Enhanced CCTV Network Value
- AI Failover for Service Continuity
- Uninterrupted PoE Power Supply
- Lifetime Management on Ruijie Cloud Anytime, Anywhere

Highlight Features





RG-ES207GS-LP

7-Port Gigabit Smart Cloud-Managed PoE Switch

4 x 10/100/1000BASE-T PoE+ Ports 2 x 10/100/1000BASE-T Ports 1 x 1GE SFP Port



The image shows the front panel of the Ruijie Reyee RG-ES207GS-LP switch. It features a SYS and RESET button on the left, followed by four PoE+ ports (1-4), two standard ports (5-6), and an SFP port (7). The ports are labeled with their respective speeds: 1000/100/10M for ports 1-4 and SFP 1G for port 7.

 **PoE Budget 40 W**  **Link Aggregation Supported**  **Flexible Uplink Options**  **3-Year Warranty**

Permanent PoE

PoE ports provide uninterrupted power even during switch restarts.



The image illustrates the Permanent PoE feature. A Ruijie Reyee switch is shown with a blue cable connected to a PoE camera. A glowing blue line labeled "Uninterrupted Power" flows from the switch to the camera, symbolizing continuous power supply even during switch restarts.

6 kV Surge Protection for Harsh Environments



The image shows the Ruijie Reyee switch placed on a dark surface. In the background, a globe is surrounded by a stormy sky with lightning bolts. Large, 3D text "6kV" is superimposed over the globe, indicating the switch's surge protection capability for harsh environments.

Highlight Features

One Click CCTV Mode to Prevent Multiple After-Sales Issues



Cloud, Make Your Business Easy



Product Information

| | |
|-------------------------|----------------------|
| Model | RG-ES207GS-LP |
| Product Category | Layer 2 |

Hardware Specifications

| Model | RG-ES207GS-LP |
|--|--|
| Product Information | |
| Warranty | 3 years |
| Port Specifications | |
| Total number of RJ45 ports | 6 |
| Total number of optical ports | 1 |
| Number of 1GE SFP ports | 1 |
| Number of 10/100/1000BASE-T ports | 6 |
| Reset button | 1 |
| DIP switch | <p>LED mode switch toggled to left (Mode 1): The port LED status indicates the status of traffic transmission. Solid green means that the port is link up, while blinking green means that the port is transmitting and receiving data.</p> <p>LED mode switch toggled to right (Mode 2): The port LED status indicates the PoE status. Solid green means that the port is supplying power, while blinking green means that the port is in power overload state.</p> |
| 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 | 40 W |
| PoE power pins | 1–2 (+), 3–6 (-) |

Hardware Specifications

| Model | RG-ES207GS-LP |
|------------------------------------|--|
| Power input | DC adapter: <ul style="list-style-type: none"> • 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 Output: <ul style="list-style-type: none"> • Rated output voltage: 54 V DC • Maximum output current: 1.2 A |
| Maximum power consumption | 4 W (with no PoE load) 44 W (with full PoE load) |
| Power supply | DC power adapter |
| System Specifications | |
| Flash memory | 8 MB |
| Forwarding rate | 10.41 Mpps |
| Switching capacity | 14 Gbps(bit/s) |
| Dimensions and Weight | |
| Casing | Metal |
| Product dimensions (W x D x H) | 155 mm x 78 mm x 28 mm (6.10 in. x 3.07 in. x 1.10 in.) |
| Weight | 0.29 kg (0.64 lbs) (without packaging materials) |
| Shipping weight | 0.83 kg (1.83 lbs) |
| Environment and Reliability | |
| Fan | Fanless design |
| Cooling | Natural cooling |
| Mounting options | Wall/Desk |
| Hot swapping of cables | Hot swapping supported by the service port and power connector |
| MTBF | 200,000 hours |
| Operating temperature | 0°C to +40°C (32°F to 104°F) |
| Storage temperature | -40°C to +70°C (-40°F to +158°F) |
| Operating humidity | 10% RH to 90% RH (non-condensing) |

/ Hardware Specifications

| Model | RG-ES207GS-LP |
|--|--|
| 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: ± 4 kV for common mode and ± 2 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 |

Software Specifications

| Model | RG-ES207GS-LP |
|---|---------------|
| Authentication | |
| RADIUS | No |
| 802.1X authentication | No |
| Basic Configurations | |
| PoE watchdog | Yes |
| Uninterruptible power supply upon warm start | Yes |
| Online upgrade | Yes |
| Ethernet Switching | |
| 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 |
| Gateway Features | |
| 802.1p priority-based traffic classification | No |
| DSCP priority-based traffic classification | No |
| Interface | |

Software Specifications

| Model | RG-ES207GS-LP |
|--------------------------|---------------|
| Jumbo frame length (MTU) | 9216 bytes |
| EEE | Yes |
| Cable test | Yes |
| IP Routing | |
| IPv4 static route | No |
| IPv6 static route | No |
| OSPFv2 | No |
| OSPFv3 | 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 |
| Multicast | |
| IGMPv1 snooping | No |
| IGMPv2 snooping | No |
| Basic IGMPv3 snooping | No |
| Full IGMPv3 snooping | No |
| IGMP filtering | No |
| IGMPv1, v2, and v3 | No |

Software Specifications

| Model | RG-ES207GS-LP |
|--|---------------|
| 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 |
| Ruijie Reyee App management | Yes |
| SNMPv1, v2c, and v3 | No |
| 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 |
| System Performance Capacity | |

Software Specifications

| Model | RG-ES207GS-LP |
|--------------------------|--------------------------------|
| Recommended camera limit | 200W H265: 40 400W H265: 20 |

Package Contents

| Model | RG-ES207GS-LP |
|----------------------|---|
| Device | |
| Device | 1 |
| Accessories | |
| Power cord | 1 x 0.8 m (2.62 ft.), 1 x 1 m (3.28 ft.), 1 x 1.2 m (3.94 ft.) or 1 x 1.5 m (4.92 ft.) Note: There are four power cord lengths. Please refer to the actual delivery. |
| Manual | |
| User Manual | 1 |
| Warranty Card | 1 |

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Official Website: <https://Reyee.Ruijie.com>