Ruijie | Reyee

# RG-ES0/ES100 Series
# Unmanaged Switch Family

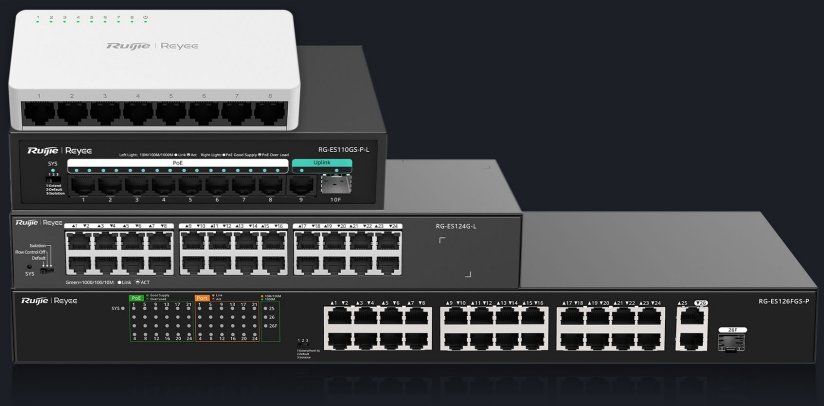
DATASHEET Explore More

## Highlights

- Visible on Ruijie Cloud Even Unmanaged
- Intelligent and Secure CCTV Network
- Intelligent PoE Management
- High-Quality Design

# Highlight Features

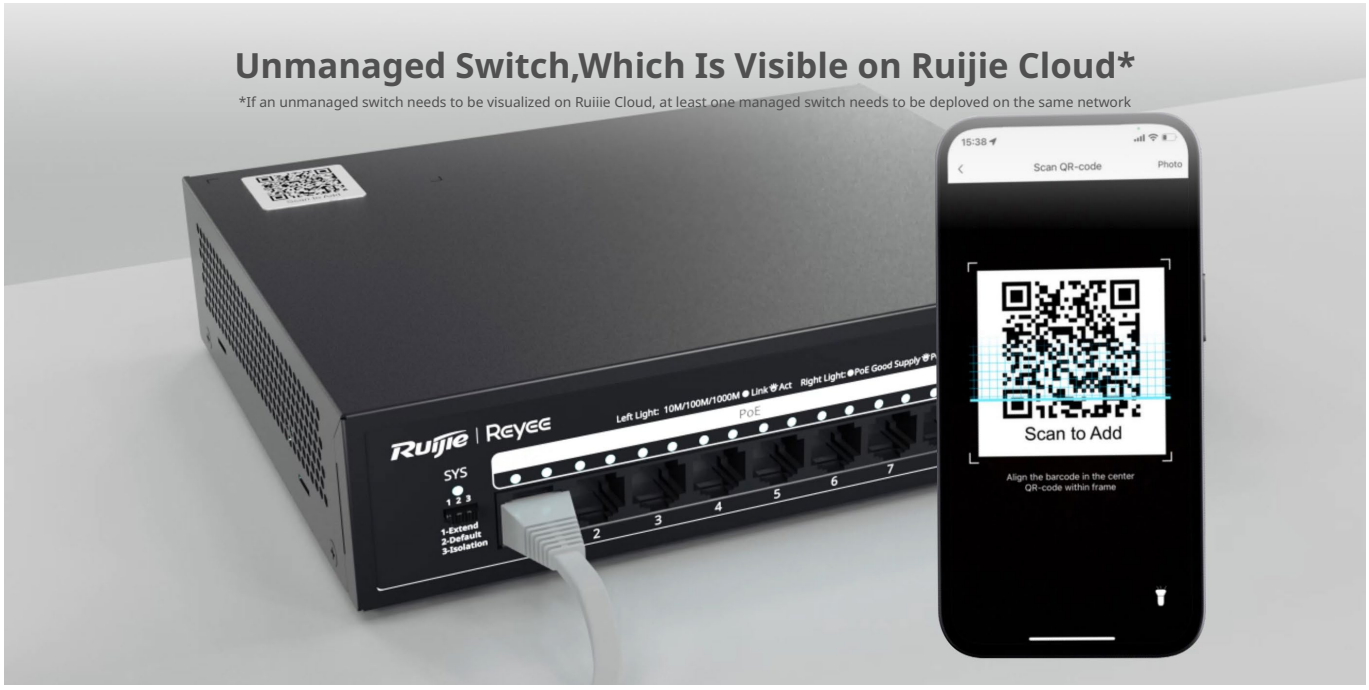
## New RG-ES0 RG-ES100 Series Unmanaged switch



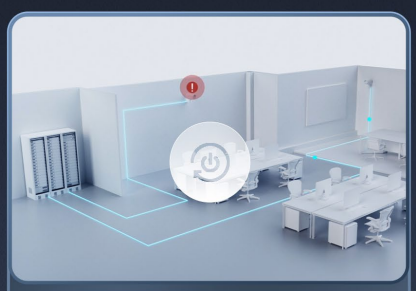
- Plug & play
- Max. 30W on Each Port
- 3 Years Warranty
- Energy Saving

## Unmanaged Switch,Which Is Visible on Ruijie Cloud*

*If an unmanaged switch needs to be visualized on Ruiiie Cloud, at least one managed switch needs to be deployed on the same network

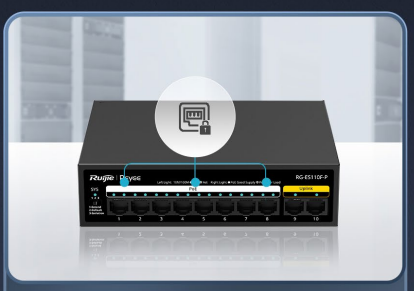



## Intelligent and Secure CCTV Network



Watchdog

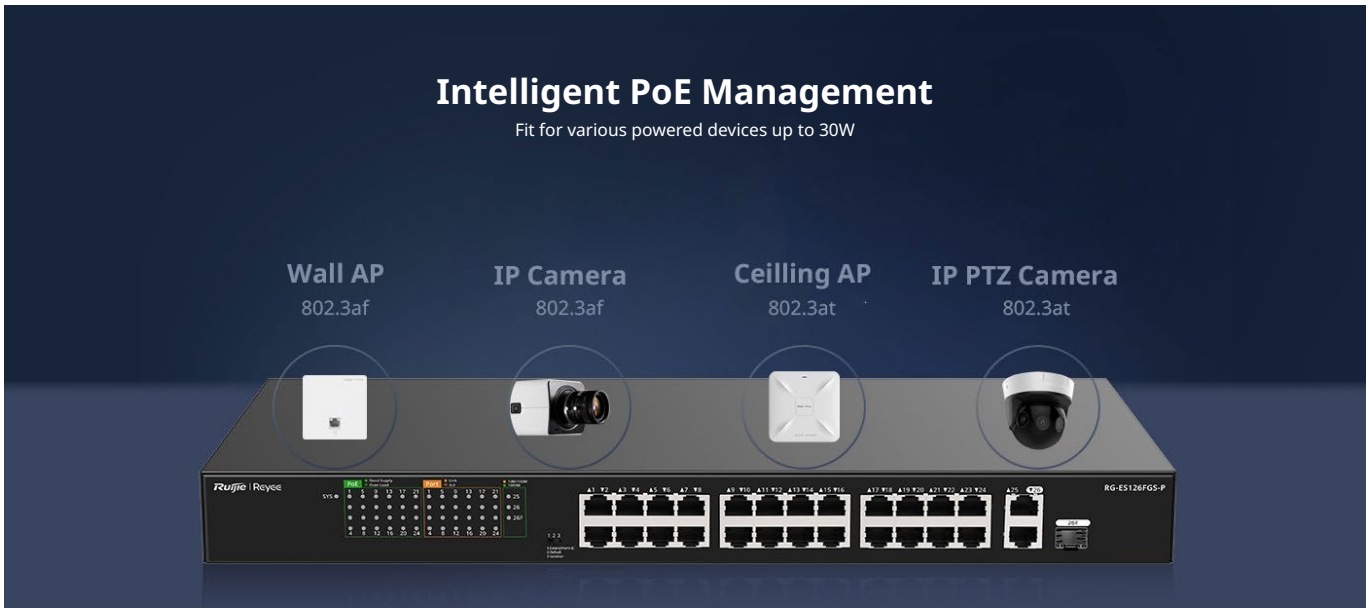
Extend Mode



Port Isolation

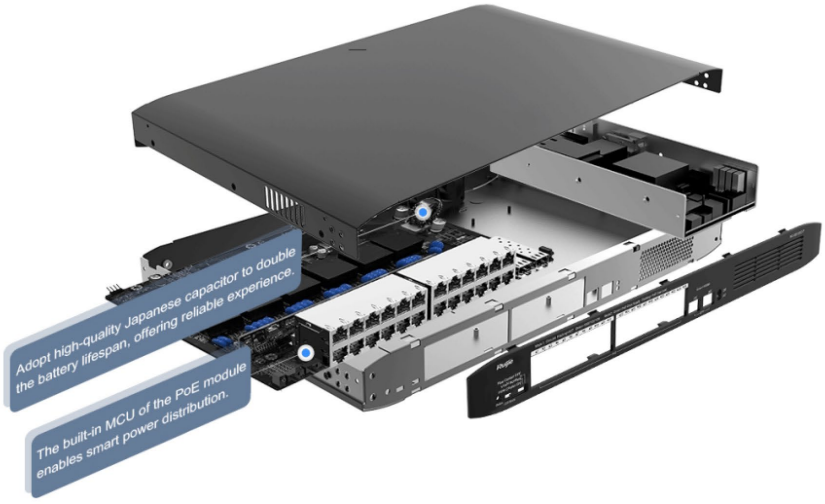
- PoE Auto Recovery
- 250 Meters Transmission
- Fexible Extend mode
- Higher security

# Highlight Features

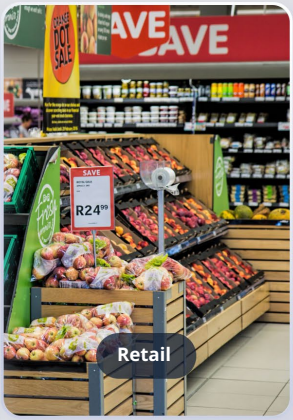



## Better Quality Design

Strict standards in PCB design and component selection




## Designed for Various Scenarios



# Specifications

| Specifications | | RG-ES05F | RG-ES08F | RG-ES05G-L | RG-ES08G-L |
|---|---|---|---|---|---|
| **Hardware Specifications** | | | | | |
| **Port** | Number of 100M Ethernet RJ45 ports | 5 | 8 | N/A | N/A |
| | Number of 1GE RJ45 ports | N/A | N/A | 5 | 8 |
| **System Specifications** | Forwarding rate | 0.744Mpps | 1.19Mpps | 7.44Mpps | 11.9Mpps |
| | Switching capacity | 1Gbps | 1.6Gbps | 10Gbps | 16Gbps |
| **Power** | Power input | AC input<br>Rated voltage range: 100V to 240V<br>Maximum voltage range: 90V to 264V<br>Frequency: 50/60 Hz<br>Rated current: 0.3A<br><br>Adapter output<br>Rated voltage range: 5V DC<br>Rated current range: 1A | AC input<br>Rated voltage range: 100V to 240V<br>Maximum voltage range: 90V to 264V<br>Frequency: 50/60 Hz<br>Rated current: 0.3A<br><br>Adapter output<br>Rated voltage range: 5V DC<br>Rated current range: 1A | AC input<br>Rated voltage range: 100V to 240V<br>Maximum voltage range: 90V to 264V<br>Frequency: 50/60 Hz<br>Rated current: 0.3A<br><br>Adapter output<br>Rated voltage range: 5V DC<br>Rated current range: 1A | AC input<br>Rated voltage range: 100V to 240V<br>Maximum voltage range: 90V to 264V<br>Frequency: 50/60 Hz<br>Rated current: 0.3A<br><br>Adapter output<br>Rated voltage range: 5V DC<br>Rated current range: 1A |
| | Maximum power consumption | ⩽1.4W | ⩽2.3W | ⩽2.1W | ⩽3.47W |
| | Input power supply | Power adapter | Power adapter | Power adapter | Power adapter |
| **FAN** | Fan | Fanless | Fanless | Fanless | Fanless |
| | Fan speed adjustment | Fanless | Fanless | Fanless | Fanless |
| | Heat dissipation | 4.788 BTU/hr(220V/50Hz) | 7.866 BTU/hr(220V/50Hz) | 7.182 BTU/hr(220V/50Hz) | 11.8674BTU/hr(220V/50Hz) |
| | Acoustic noise | Noiseless | Noiseless | Noiseless | Noiseless |
| **EMC** | EMC | EN 55032:2015+AC:2016<br>EN 61000-3-2:2014<br>EN 61000-3-3:2013<br>EN 55035:2017<br>ETSI EN 300 386 V2.1.1 (2016-07) | EN 55032:2015+AC:2016<br>EN 61000-3-2:2014<br>EN 61000-3-3:2013<br>EN 55035:2017<br>ETSI EN 300 386 V2.1.1 (2016-07) | EN 55032:2015+AC:2016<br>EN 61000-3-2:2014<br>EN 61000-3-3:2013<br>EN 55035:2017<br>ETSI EN 300 386 V2.1.1 (2016-07) | EN 55032:2015+AC:2016<br>EN 61000-3-2:2014<br>EN 61000-3-3:2013<br>EN 55035:2017<br>ETSI EN 300 386 V2.1.1 (2016-07) |
| **Safety Compliance** | Safety compliance | EN 62638-1 | EN 62638-1 | EN 62638-1 | EN 62638-1 |

| Specifications | | RG-ES05F | RG-ES08F | RG-ES05G-L | RG-ES08G-L |
|---|---|---|---|---|---|
| **Certification** | CE, FCC | CE | CE | CE、FCC | CE、FCC |
| **Mounting** | Mounting | Wall-mount and Desk-type | Wall-mount and Desk-type | Wall-mount and Desk-type | Wall-mount and Desk-type |
| **Casing** | Casing | Plastic | Plastic | Plastic | Plastic |
| **Cable Hot-Swappable** | Hot swapping of cables | Supported by all ports | Supported by all ports | Supported by all ports | Supported by all ports |
| **Mean Time Between Failure (MTBF)** | MTBF | >200K | >200K | >200K | >200K |
| **Warranty** | Warranty Card | 3 | 3 | 3 | 3 |
| **Environment and Reliability** | Operating temperature | 0 to 45°C | 0 to 45°C | 0 to 45°C | 0 to 45°C |
| | Storage temperature | -40°C～75°C | -40°C～75°C | -40°C～75°C | -40°C～75°C |
| | Operating humidity | 10% to 90% RH(non-condensing) | 10% to 90% RH(non-condensing) | 10% to 90% RH(non-condensing) | 10% to 90% RH(non-condensing) |
| | Storage humidity | 5% to 95% RH(non-condensing) | 5% to 95% RH(non-condensing) | 5% to 95% RH(non-condensing) | 5% to 95% RH(non-condensing) |
| | Operating altitude | -500~5000M | -500~5000M | -500~5000M | -500~5000M |
| | ESD protection | Air Discharge: 8KV Contact Discharge: 6KV | Air Discharge: 8KV Contact Discharge: 6KV | Air Discharge: 8KV Contact Discharge: 6KV | Air Discharge: 8KV Contact Discharge: 6KV |
| | Surge protection | Common Mode 4KV | Common Mode 4KV | Common Mode 4KV | Common Mode 4KV |
| | Surge protection | Common Mode：2KV Differential mode 1KV | Common Mode：2KV Differential mode 1KV | Common Mode：2KV Differential mode 1KV | Common Mode：2KV Differential mode 1KV |
| **Package Contents** | Dimensions (W x D x H) | 85*52*23.5mm | 124*60*24mm | 85*52*23.5mm | 124*60*24mm |
| | Shipping weight | 0.21KG(packages included) | 0.25KG(packages included) | 0.22KG(packages included) | 0.27KG(packages included) |
| | User Manual | 1 | 1 | 1 | 1 |
| | Input power supply | Power adapter | Power adapter | Power adapter | Power adapter |
| | Warranty Card | 1 | 1 | 1 | 1 |

# Specifications

| Specifications | | RG-ES105GD | RG-ES108GD | RG-ES116G-L | RG-ES124G-L | RG-ES106F-P | RG-ES110F-P |
|---|---|---|---|---|---|---|---|
| **Hardware Specifications** | | | | | | | |
| **Port** | Total Number of RJ45 Ports | N/A | N/A | 16 | 24 | 6 | 10 |
| | Number of 100M Ethernet RJ45 ports | N/A | N/A | N/A | N/A | 6 | 10 |
| | Number of 1GE RJ45 ports | 5 | 8 | 16 | 24 | N/A | N/A |
| **POE** | Number of PoE in ports | N/A | N/A | N/A | N/A | 4 | 8 |
| | Number of PoE/PoE+ out ports | N/A | N/A | N/A | N/A | 4 | 8 |
| | PoE budget | N/A | N/A | N/A | N/A | 54W | 110W |
| | PoE power pins | N/A | N/A | N/A | N/A | 1 2+, 3 6- | 1 2+, 3 6- |
| **System Specifications** | Forwarding rate | 7.44Mpps | 11.9Mpps | 23.8Mpps | 35.7Mpps | 0.89Mpps | 1.48Mpps |
| | Switching capacity | 10Gbps | 16Gbps | 32Gbps | 48Gbps | 1.2Gbps | 2.0Gbps |
| **Power** | Power input | AC input<br>Rated voltage range: 100V to 240V<br>Maximum voltage range: 90V to 264V<br>Frequency: 50/60 Hz<br>Rated current: 0.3A<br><br>Adapter output<br>Rated voltage range: 5V DC<br>Rated current range: 1A | AC input<br>Rated voltage range: 100V to 240V<br>Maximum voltage range: 90V to 264V<br>Frequency: 50/60 Hz<br>Rated current: 0.3A<br><br>Adapter output<br>Rated voltage range: 5V DC<br>Rated current range: 1A | Rated voltage range: 100-240V~<br>Maximum voltage range: 90-264V~<br>Frequency: 50/60Hz<br>Rated current: 0.6A | Rated voltage range: 100-240V~<br>Maximum voltage range: 90-264V~<br>Frequency: 50/60Hz<br>Rated current: 0.6A | Rated voltage range: 100-240V~<br>Maximum voltage range: 90-264V~<br>Frequency: 50/60Hz<br>Rated current: 2.0A | Rated voltage range: 100-240V~<br>Maximum voltage range: 90-264V~<br>Frequency: 50/60Hz<br>Rated current: 3.0A |

| Specifications | | RG-ES105GD | RG-ES108GD | RG-ES116G-L | RG-ES124G-L | RG-ES106F-P | RG-ES110F-P |
|---|---|---|---|---|---|---|---|
| | Maximum power consumption | ≤3.6W | ≤4.6W | ≤11W | ≤6W | Less than 6W with no PoE load<br>Less than 60W with PoE full load | Less than 10W with no PoE load<br>Less than 120W with PoE full load |
| | Input power supply | Power adapter | Power adapter | Single fixed power supply | Single fixed power supply | Single fixed power supply | Single fixed power supply |
| **FAN** | Fan | Fanless | Fanless | Fanless | Fanless | Fanless | Fanless |
| | Fan speed adjustment | Fanless | Fanless | N/A | N/A | N/A | N/A |
| | Heat dissipation | 12.312 BTU/hr(220V/50Hz) | 15.732BTU/hr(220V/50Hz) | 37.62 BTU/hr(220V/50Hz) | 20.52 BTU/hr(220V/50Hz) | Less than 20.52 BTU/hr(220V/50Hz) with no PoE load<br>Less than 205.2 BTU/hr(220V/50Hz) with PoE full load | Less than 34.2 BTU/hr(220V/50Hz) with no PoE load<br>Less than 410.4 BTU/hr(220V/50Hz) with PoE full load |
| | Acoustic noise | Noiseless | Noiseless | Fanless | Fanless | Fanless | Fanless |
| **Button** | DIP switch | N/A | N/A | Default mode： All ports can communicate with each other，and Flow Control On<br>Flow Control Off Isolation mode：When port isolation is eN/Abled, ports 1-14 are isolated from each other, but can communicate with ports 15 | Default mode： All ports can communicate with each other，and Flow Control On<br>Flow Control Off Isolation mode：When port isolation is eN/Abled, ports 1-22 are isolated from each other, but can communica | Extend mode: The rate of Ports 1 to 4 is reduced to 10 Mbps, but the maximum transmission distance can be up to 200 meters (Cate5e cables required).，Flow Control On<br>Default mode: All ports can communicate with each other，Flow | Extend mode: The rate of Ports 1 to 8 is reduced to 10 Mbps, but the maximum transmission distance can be up to 200 meters (Cate5e cables required).Flow Control On<br>Default mode: All ports can communicate with each other.Flow Control On |

| Specifications | | RG-ES105GD | RG-ES108GD | RG-ES116G-L | RG-ES124G-L | RG-ES106F-P | RG-ES110F-P |
|---|---|---|---|---|---|---|---|
| | | | | and 16.Flow Control On | te with ports 23 and 24.Flow Control On | Control On. Isolation mode: Ports 1 to 4 cannot communicate with each other, but they can communicate with ports 5 and 6.Flow Control On | Isolation mode: Ports 1 to 8 cannot communicate with each other, but they can communicate with ports 9 and 10.Flow Control On |
| **EMC** | EMC | EN 55032:2015+AC:2016 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55035:2017 ETSI EN 300 386 V2.1.1 (2016-07) | EN 55032:2015+AC:2016 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55035:2017 ETSI EN 300 386 V2.1.1 (2016-07) | EN 55032:2015+AC:2016 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55035:2017 ETSI EN 300 386 V2.1.1 (2016-07) | EN 55032:2015+AC:2016 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55035:2017 ETSI EN 300 386 V2.1.1 (2016-07) | EN 55032:2015+AC:2016 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55035:2017 ETSI EN 300 386 V2.1.1 (2016-07) | EN 55032:2015+AC:2016 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55035:2017 ETSI EN 300 386 V2.1.1 (2016-07) |
| **Safety Compliance** | Safety compliance | EN 62638-1 | EN 62638-1 | EN 62638-1 | EN 62638-1 | EN 62638-1 | EN 62638-1 |
| **Certification** | CE, FCC | CE | CE | CE | CE | CE | CE |
| **Mounting** | Mounting | Desk-type | Desk-type | Rack installation | Rack installation | Wall-mount and Desk-type | Wall-mount and Desk-type |
| **Casing** | Casing | Metal | Metal | Metal | Metal | Metal | Metal |
| **Cable Hot-Swappable** | Hot swapping of cables | Supported by all ports | Supported by all ports | Supported by all ports | Supported by all ports | Supported by all ports | Supported by all ports |
| **Mean Time Between Failure (MTBF)** | MTBF | >200K | >200K | >200K | >200K | >200K | >200K |
| **Warranty** | Warranty Card | 3 | 3 | 3 | 3 | 3 | 3 |
| **Environment and Reliability** | Operating temperature | 0 to 40°C | 0 to 40°C | 0 to 45°C | 0 to 45°C | 0 to 45°C | 0 to 45°C |
| | Storage temperature | -40°C～75°C | -40°C～75°C | -40~70°C | -40~70°C | -40~70°C | -40~70°C |

| Specifications | | RG-ES105GD | RG-ES108GD | RG-ES116G-L | RG-ES124G-L | RG-ES106F-P | RG-ES110F-P |
|---|---|---|---|---|---|---|---|
| | Operating humidity | 10% to 90% RH(non-condensing) | 10% to 90% RH(non-condensing) | 10% to 90% RH(non-condensing) | 10% to 90% RH(non-condensing) | 10% to 90% RH(non-condensing) | 10% to 90% RH(non-condensing) |
| | Storage humidity | 5% to 95% RH(non-condensing) | 5% to 95% RH(non-condensing) | 5% to 95% RH(non-condensing) | 5% to 95% RH(non-condensing) | 5% to 95% RH(non-condensing) | 5% to 95% RH(non-condensing) |
| | Operating altitude | -500~5000M | -500~5000M | -500~5000M | -500~5000M | -500~5000M | -500~5000M |
| | ESD protection | Air Discharge: 8KV Contact Discharge: 6KV | Air Discharge: 8KV Contact Discharge: 6KV | Air Discharge: 8kV Contact Discharge: 6kV | Air Discharge: 8kV Contact Discharge: 6kV | Air Discharge: 8kV Contact Discharge: 6kV | Air Discharge: 8kV Contact Discharge: 6kV |
| | Surge protection | Common Mode 4KV | Common Mode 4KV | Common Mode 4kV | Common Mode 4kV | Common Mode 4kV | Common Mode 4kV |
| | Surge protection | Common Mode：2KV Differential mode 1KV | Common Mode：2KV Differential mode 1KV | Common Mode：6kV Differential mode 6kV | Common Mode：6kV Differential mode 6kV | Common Mode：6kV Differential mode 6kV | Common Mode：6kV Differential mode 4kV |
| **Package Contents** | Dimensions (W x D x H) | 119x75*24mm | 160*75*24 mm | 280*125*43.6 mm | 280*125*43.6mm | 166*132.6*43 mm | 166*132.6*43 mm |
| | Weight | N/A | N/A | 1.049kg | 1.120kg | 0.65kg | 0.97kg |
| | Shipping weight | 0.47KG(packages included) | 0.60KG(packages included) | 1.78KG(packages included) | 1.86KG(packages included) | 0.96KG(packages included) | 1.22KG(packages included) |
| | Rack-mount bracket | N/A | N/A | 2 | 2 | N/A | N/A |
| | Screw | N/A | N/A | M4 Screw*6 | M4 Screw*6 | N/A | N/A |
| | User Manual | 1 | 1 | 1 | 1 | 1 | 1 |
| | Rubber pad | N/A | N/A | 4 | 4 | N/A | N/A |
| | Input power supply | Power adapter | Power adapter | Single fixed power supply | Single fixed power supply | Single fixed power supply | Single fixed power supply |
| | Warranty Card | 1 | 1 | 1 | 1 | 1 | 1 |
| **L2** | | | | | | | |
| **port** | Port flow control | N/A | Yes | Yes | Yes | Yes | Yes |

| Specifications | | RG-ES105GD | RG-ES108GD | RG-ES116G-L | RG-ES124G-L | RG-ES106F-P | RG-ES110F-P |
|---|---|---|---|---|---|---|---|
| | PoE watchdog | N/A | Yes | Yes | Yes | Yes | Yes |
| | Port isolation | N/A | Yes | Yes | Yes | Yes | Yes |
| | Ultra-long-haul transmission | N/A | N/A | N/A | Yes | Yes | Yes |

# Specifications

| Specifications | | RG-ES110FG-P | RG-ES110GS-P-L | RG-ES118FGS-LP | RG-ES118GS-P-L | RG-ES126FGS-LP | RG-ES126FGS-P |
|---|---|---|---|---|---|---|---|
| **Hardware Specifications** | | | | | | | |
| **Port** | Total Number of RJ45 Ports | 10 | 9 | 18 | 16 | 26 | 26 |
| | Total Number of Optical Ports | N/A | 1 | 2 | 2 | 1 | 1 |
| | Number of Combo Ports | N/A | N/A | 2 | N/A | 1 | 1 |
| | Number of 1GE SFP ports | N/A | 1 | 2 | 2 | 1 | 1 |
| | Number of 100M Ethernet RJ45 ports | 8 | N/A | 16 | N/A | 24 | 24 |
| | Number of 1GE RJ45 ports | 2 | 9 | 2 | 18 | 2 | 2 |
| **POE** | Number of PoE in ports | 8 | 8 | 16 | 16 | 24 | 24 |
| | Number of PoE/PoE+ out ports | 8 | 8 | 16 | 16 | 24 | 24 |
| | PoE budget | 110W | 120W | 120W | 247W | 180W | 370W |
| | PoE power pins | 1 2+, 3 6- | 1 2+, 3 6- | 1 2+, 3 6- | 1 2+, 3 6- | 1 2+, 3 6- | 1 2+, 3 6- |
| **System Specifications** | Forwarding rate | 4.17Mpps | 14.8Mpps | 5.35Mpps | 26.8Mpps | 6.55Mpps | 6.55Mpps |
| | Switching capacity | 5.6Gbps | 20Gbps | 7.2Gbps | 36Gbps | 8.8Gbps | 8.8Gbps |
| **Power** | Power input | Rated voltage range: 100-240V~ Maximum voltage range: 90- | Rated voltage range: 100-240V~ Maximum voltage | Rated voltage range: 100-240V~ Maximum voltage range: 90- | Rated voltage range: 100-240V~ Maximum voltage | Rated voltage range: 100-240V~ Maximum voltage range: 90- | Rated voltage range: 100-240V~ Maximum voltage range: 90- |

| Specifications | | RG-ES110FG-P | RG-ES110GS-P-L | RG-ES118FGS-LP | RG-ES118GS-P-L | RG-ES126FGS-LP | RG-ES126FGS-P |
|---|---|---|---|---|---|---|---|
| | | 264V~ Frequency: 50/60Hz Rated current: 3.0A | range: 90-264V~ Frequency: 50/60Hz Rated current: 3.0A | 264V~ Frequency: 50/60Hz Rated current: 3.0A | range: 90-264V~ Frequency: 50/60Hz Rated current: 4.5A | 264V~ Frequency: 50/60Hz Rated current: 3.5A | 264V~ Frequency: 50/60Hz Rated current: 6.0A |
| | Maximum power consumption | Less than 10W with no PoE load Less than 120W with PoE full load | Less than 10W with no PoE load Less than 130W with PoE full load | Less than 10W with no PoE load Less than 130W with PoE full load | Less than 20W with no PoE load Less than 267W with PoE full load | Less than 20W with no PoE load Less than 200W with PoE full load | Less than 20W with no PoE load Less than 390W with PoE full load |
| | Input power supply | Single fixed power supply | Single fixed power supply | Single fixed power supply | Single fixed power supply | Single fixed power supply | Single fixed power supply |
| **FAN** | Fan | Fanless | Fanless | Fanless | 2 | 1 | 2 |
| | Fan speed adjustment | N/A | N/A | N/A | Fan Speed Auto-Adjustment | N/A | N/A |
| | Heat dissipation | Less than 34.2 BTU/hr(220V/50Hz) with no PoE load Less than 410.4 BTU/hr(220V/50Hz) with PoE full load | Less than 34.2 BTU/hr(220V/50Hz) with no PoE load Less than 444.6 BTU/hr(220V/50Hz) with PoE full load | Less than 34.2 BTU/hr(220V/50Hz) with no PoE load Less than 444.6 BTU/hr(220V/50Hz) with PoE full load | Less than 68.4 BTU/hr(220V/50Hz) with no PoE load Less than 913.14 BTU/hr(220V/50Hz) with PoE full load | Less than 68.4 BTU/hr(220V/50Hz) with no PoE load Less than 13338 BTU/hr(220V/50Hz) with PoE full load | Less than 68.4 BTU/hr(220V/50Hz) with no PoE load Less than 1333.8 BTU/hr(220V/50Hz) with PoE full load |
| | Acoustic noise | Fanless | Fanless | <40dB (when the device works normally) | <45dB (when the device works normally) | <40dB (when the device works normally) | <40dB (when the device works normally) |
| **Button** | DIP switch | Extend mode: The rate of Ports 1 to 8 is reduced to 10 | Extend mode: The rate of Ports 1 to 8 | Extend mode: The rate of Ports 1 to 8 is reduced to 10 | Extend mode: The rate of Ports 1 to 8 | Extend mode: The rate of Ports 1 to 8 is reduced to 10 | Extend mode: The rate of Ports 1 to 8 is reduced to 10 |

| Specifications | | RG-ES110FG-P | RG-ES110GS-P-L | RG-ES118FGS-LP | RG-ES118GS-P-L | RG-ES126FGS-LP | RG-ES126FGS-P |
|---|---|---|---|---|---|---|---|
| | | Mbps, but the maximum transmission distance can be up to 200 meters (Cate5e cables required).Flow Control On Default mode: All ports can communicate with each other.Flow Control On Isolation mode: Ports 1 to 8 cannot communicate with each other, but they can communicate with ports G1 and G2.Flow Control On | is reduced to 10 Mbps, but the maximum transmission distance can be up to 200 meters (Cate5e cables required).Flow Control On Default mode: All ports can communicate with each other.Flow Control On Isolation mode: Ports 1 to 8 cannot communicate with each other, but they can communicate with ports 9 and 10.Flow Control On | Mbps, but the maximum transmission distance can be up to 200 meters (Cate5e cables required).Flow Control On Default mode: All ports can communicate with each other.Flow Control On Isolation mode: Ports 1 to 16 cannot communicate with each other, but they can communicate with ports 17 and 18.Flow Control On | is reduced to 10 Mbps, but the maximum transmission distance can be up to 200 meters (Cate5e cables required).Flow Control On Default mode: All ports can communicate with each other.Flow Control On Isolation mode: Ports 1 to 16 cannot communicate with each other, but they can communicate with ports 17 and 18.Flow Control On | Mbps, but the maximum transmission distance can be up to 200 meters (Cate5e cables required).Flow Control On Default mode: All ports can communicate with each other.Flow Control On Isolation mode: Ports 1 to 24 cannot communicate with each other, but they can communicate with ports 25 and 26.Flow Control On | Mbps, but the maximum transmission distance can be up to 200 meters (Cate5e cables required).Flow Control On Default mode: All ports can communicate with each other.Flow Control On Isolation mode: Ports 1 to 24 cannot communicate with each other, but they can communicate with ports 25 and 26.Flow Control On |
| **EMC** | EMC | EN 55032:2015+AC:2016 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55035:2017 ETSI EN 300 | EN 55032:2015+AC:2016 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55035:2017 ETSI EN 300 | EN 55032:2015+AC:2016 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55035:2017 ETSI EN 300 | EN 55032:2015+AC:2016 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55035:2017 ETSI EN 300 | EN 55032:2015+AC:2016 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55035:2017 ETSI EN 300 | EN 55032:2015+AC:2016 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55035:2017 ETSI EN 300 |

| Specifications | | RG-ES110FG-P | RG-ES110GS-P-L | RG-ES118FGS-LP | RG-ES118GS-P-L | RG-ES126FGS-LP | RG-ES126FGS-P |
|---|---|---|---|---|---|---|---|
| | | 386 V2.1.1 (2016-07) | 386 V2.1.1 (2016-07) | 386 V2.1.1 (2016-07) | 386 V2.1.1 (2016-07) | 386 V2.1.1 (2016-07) | 386 V2.1.1 (2016-07) |
| **Safety Compliance** | Safety compliance | EN 62638-1 | EN 62638-1 | EN 62638-1 | EN 62638-1 | EN 62638-1 | EN 62638-1 |
| **Certification** | CE, FCC | CE | CE | CE | CE | CE | CE |
| **Mounting** | Mounting | Wall-mount and Desk-type | Wall-mount and Desk-type | Rack installation | Rack installation | Rack installation | Rack installation |
| **Casing** | Casing | Metal | Metal | Metal | Metal | Metal | Metal |
| **Cable Hot-Swappable** | Hot swapping of cables | Supported by all ports | Supported by all ports | Supported by all ports | Supported by all ports | Supported by all ports | Supported by all ports |
| **Mean Time Between Failure (MTBF)** | MTBF | >200K | >200K | >200K | >200K | >200K | >200K |
| **Warranty** | Warranty Card | 3 | 3 | 3 | 3 | 3 | 3 |
| **Environment and Reliability** | Operating temperature | 0 to 45°C | 0 to 45°C | 0 to 45°C | 0 to 45°C | 0 to 45°C | 0 to 45°C |
| | Storage temperature | -40~70°C | -40~70°C | -40~70°C | -40~70°C | -40~70°C | -40~70°C |
| | Operating humidity | 10% to 90% RH(non-condensing) | 10% to 90% RH(non-condensing) | 10% to 90% RH(non-condensing) | 10% to 90% RH(non-condensing) | 10% to 90% RH(non-condensing) | 10% to 90% RH(non-condensing) |
| | Storage humidity | 5% to 95% RH(non-condensing) | 5% to 95% RH(non-condensing) | 5% to 95% RH(non-condensing) | 5% to 95% RH(non-condensing) | 5% to 95% RH(non-condensing) | 5% to 95% RH(non-condensing) |
| | Operating altitude | -500~5000M | -500~5000M | -500~5000M | -500~5000M | -500~5000M | -500~5000M |
| | ESD protection | Air Discharge: 8kV Contact Discharge: 6kV | Air Discharge: 8kV Contact Discharge: 6kV | Air Discharge: 8kV Contact Discharge: 6kV | Air Discharge: 8kV Contact Discharge: 6kV | Air Discharge: 8kV Contact Discharge: 6kV | Air Discharge: 8kV Contact Discharge: 6kV |
| | Surge protection | Common Mode 4kV | Common Mode 4kV | Common Mode 4kV | Common Mode 4kV | Common Mode 4kV | Common Mode 4kV |
| | Surge protection | Common Mode：6kV | Common Mode：6kV | Common Mode：6kV | Common Mode：6kV | Common Mode：6kV | Common Mode：6kV |

| Specifications | | RG-ES110FG-P | RG-ES110GS-P-L | RG-ES118FGS-LP | RG-ES118GS-P-L | RG-ES126FGS-LP | RG-ES126FGS-P |
|---|---|---|---|---|---|---|---|
| | | Differential mode 4kV | Differential mode 4kV | Differential mode 6kV | Differential mode 6kV | Differential mode 6kV | Differential mode 6kV |
| **Package Contents** | Dimensions (W x D x H) | 166*132.6*43 mm | 190*150*43 mm | 440mm*214.9mm*44mm | 440mm*214.9mm*44 mm | 440mm*214.9mm*44mm | 440mm*214.9mm*44mm |
| | Weight | 0.97kg | 0.97kg | 2.46kg | 2.57kg | 2.64kg | 2.62kg |
| | Shipping weight | 1.22KG(packages included) | 1.44KG(packages included) | 3.0KG(packages included) | 3.78KG(packages included) | 3.2KG(packages included) | 3.78KG(packages included) |
| | Rack-mount bracket | N/A | N/A | 2 | 2 | 2 | 2 |
| | Screw | N/A | N/A | M4 Screw*6 | M4 Screw*6 | M4 Screw*6 | M4 Screw*6 |
| | User Manual | 1 | 1 | 1 | 1 | 1 | 1 |
| | Rubber pad | N/A | N/A | N/A | 4 | N/A | N/A |
| | Input power supply | Single fixed power supply | Single fixed power supply | Single fixed power supply | Single fixed power supply | Single fixed power supply | Single fixed power supply |
| | Warranty Card | 1 | 1 | 1 | 1 | 1 | 1 |
| **L2** | | | | | | | |
| **port** | Port flow control | Yes | Yes | Yes | Yes | Yes | Yes |
| | PoE watchdog | Yes | Yes | Yes | Yes | Yes | Yes |
| | Port isolation | Yes | Yes | Yes | Yes | Yes | Yes |
| | Ultra-long-haul transmission | Yes | Yes | Yes | Yes | Yes | Yes |

Redefine your easy network

**Copyright ©2000-2024 Ruijie Networks Co., Ltd. All rights reserved.**

No part of this document may be reproduced or transmitted in any form or any means without prior written consent of Ruijie Networks Co., Ltd.

**Notice**

This content is applicable only to regions outside the China mainland. Ruijie Networks Co., Ltd. reserves the right to interpret this content.

The information contained herein is subject to change without notice. Nothing herein should be construed as constituting an additional warranty. Ruijie Networks Co., Ltd. shall not be liable for technical or editorial errors or omissions contained herein.

Ruijie Networks Co., Ltd.

**Official Website:** https://Reyee.Ruijie.com