

26 Port Network Switch with 24 x 10/100 Mbps & 2 Combo GbE/SFP Ports Unmanaged PoE

RG-ES126FGS-LP



The RG-ES126FGS-LP is a 26-port unmanaged PoE switch built for larger CCTV and security networks. It features 24 Fast Ethernet PoE/PoE+ ports, two Gigabit RJ45 uplinks and one Gigabit combo SFP port, supported by a 180 W PoE budget. Intelligent PoE watchdog automatically restarts unresponsive cameras, while Extend Mode supports connections up to 200 metres. Port isolation, Ruijie Cloud visibility and a durable rack-mount metal design provide secure, reliable and easy-to-monitor operation.

3-Year Manufacturer's Warranty

For full terms & conditions, please see – [Ruijie Warranty T&Cs](#).

Features and Benefits

- » 24 PoE/PoE+ ports with an 180 W power budget simplify the connection and power supply for IP cameras and other PoE devices.
- » Two Gigabit RJ45 uplinks and one Gigabit combo SFP port provide flexible copper or fibre network connectivity.
- » Extend Mode supports transmission distances up to 200 metres on ports 1-8, ideal for remotely installed security cameras.
- » Intelligent PoE watchdog automatically detects and restarts unresponsive cameras, helping maintain continuous surveillance.
- » Port Isolation Mode separates connected devices while retaining uplink access, improving CCTV network security.
- » Durable metal rack-mount construction, Ruijie Cloud visibility and a three-year warranty provide reliable performance and easier monitoring.



Specifications

Hardware Specifications

Port Specifications

Total number of RJ45 ports	26
Total number of optical ports	1
Number of 1GE combo ports	1
Number of 1GE SFP ports	1
Number of 10/100BASE-T ports	24
Number of 10/100/1000BASE-T ports	2
Ultra-long-haul transmission	Yes
DIP switch	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 (Cat5e 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.

Power Supply and Consumption

PoE Out standard	PoE/PoE+ (IEEE 802.3af/at)
Number of PoE Out ports	24

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Power Supply and Consumption (continued)

Number of PoE/ PoE+ Out ports	24
PoE budget	180 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 • Rated input current: 3.5 A
Maximum power consumption	20 W (with no PoE load) 200 W (with PoE full load)
Power supply	Fixed power supply

System Specifications

Flash memory	4 MB
Forwarding rate	6.5 Mpps
Switching capacity	8.8 Gbps(bit/s)

Dimensions and Weight

Casing	Metal
Product dimensions (W x D x H)	440 mm x 214.9 mm x 44 mm (17.32 in. x 8.46 in. x 1.73 in.)
Weight	2.64 kg (5.82 lbs) (without packaging materials) 3.20 kg (7.05 lbs) (with packaging materials)
Shipping weight	3.20 kg (7.05 lbs)

Environment and Reliability

Fan	1 x fixed fan
Cooling	Air cooling, front-to-rear airflow
Acoustic noise	< 40 dB: 25°C (77°F)
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 45°C (32°F to 113°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)

Environment and Reliability (continued)

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: ±4 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

Software Specifications

Basic Configurations

PoE watchdog	Yes
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Ethernet Switching

Maximum number of MAC address entries	8000
Interface flow control	Yes
LLDP	No
LLDP-MED	No

Interface

Jumbo frame length (MTU)	2048 bytes
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IP Service

IPv4 ping	No
IPv4 traceroute	No
ICMPv6	No
IPv6 ping	No
IPv6 traceroute	No

Multicast

IGMPv1 snooping	No
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Multicast (continued)

IGMPv2 snooping	No
Basic IGMPv3 snooping	No
Full IGMPv3 snooping	No
IGMP filtering	No

Security

Port isolation	Yes
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System Performance Capacity

Recommended camera limit	200W H265: 40 400W H265: 20
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Package Contents

Device

Device	1
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Accessories

Power cord retention clip	0
Screw	6 X M4 x 8 mm cross recessed countersunk head screws
Power cord	1 x 1.8 m
Rack-mount bracket	2

Manual

User Manual	1
Warranty Card	1