26 Port Unmanaged PoE Network Switch (24x 10/100 Mbps, 2 Combo RJ45 GbE/SFP), 180 W

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 (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.

Power Supply and Consumption

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

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

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

IP Service

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

Multicast

IGMPv1 snooping	No

Multicast (continued)

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

Security

Port isolation	Yes

System Performance Capacity

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

Package Contents

Device

Device	1

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