

# New RG-ES0/ES100 Series Unmanaged Switch Family

## DATASHEET

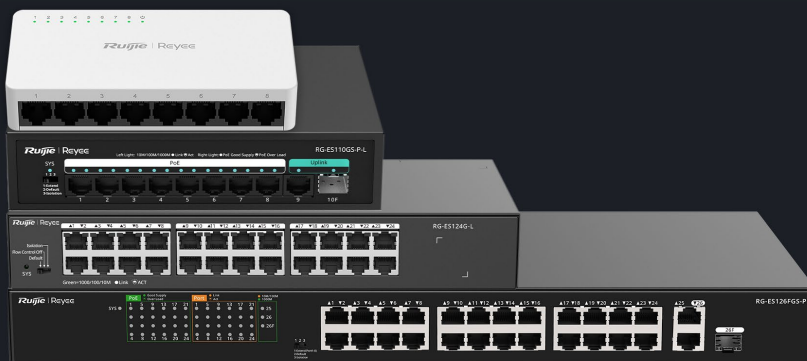


## Highlights

- 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



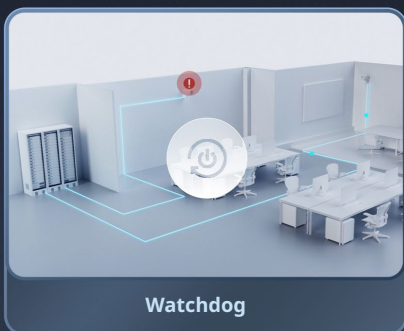
Energy Saving

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

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



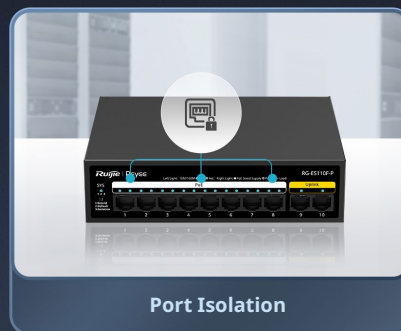
### Intelligent and Secure CCTV Network



Watchdog



Extend Mode



Port Isolation



PoE Auto  
Recovery



250 Meters  
Transmission



Flexible  
Extend mode



Higher security

## Highlight Features

### Intelligent PoE Management

Fit for various powered devices up to 30W

Wall AP  
802.3af

IP Camera  
802.3af

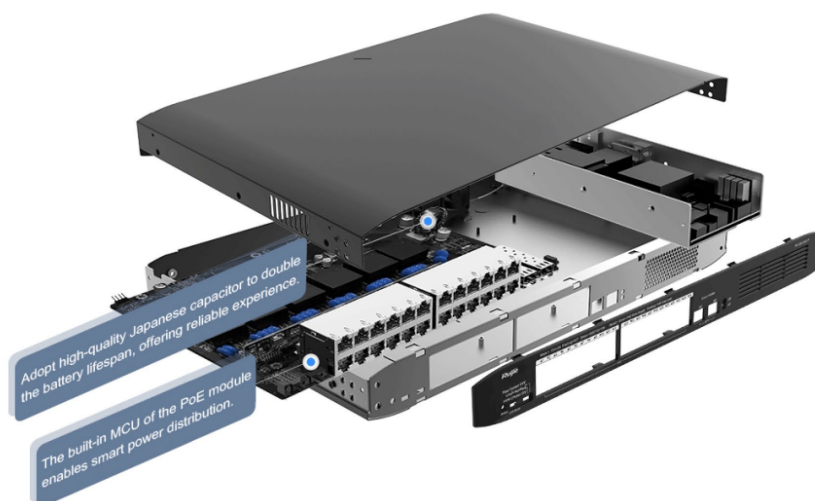
Ceiling AP  
802.3at

IP PTZ Camera  
802.3at

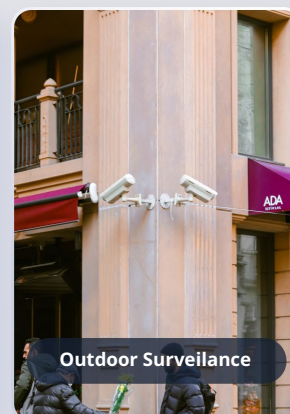


### Better Quality Design

Strict standards in PCB design and component selection



### Designed for Various Scenarios



## Specifications

### Basic

Specification	RG-ES05F	RG-ES08F	RG-ES05G-L	RG-ES08G-L	RG-ES116G-L	RG-ES124G-L	RG-ES106F-P
Downlink Ports	5 x 10/ 100BASE-T	8 x 10/ 100BASE-T	5 x 10/100/ 1000BASE-T	8 x 10/100/ 1000BASE-T	16 x 10/100/ 1000BASE-T	24 x 10/100/ 1000BASE-T	4 x 10/ 100BASE-T
Uplink Ports	-	-	-	-	-	-	2 x 10/100BASE-T
PoE/PoE+ Ports	-	-	-	-	-	-	4
Max. PoE Budget	-	-	-	-	-	-	54 W
Layer Type	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged
Switching Capacity	1 Gbps	1.6 Gbps	10 Gbps	16 Gbps	32 Gbps	48 Gbps	1.2 Gbps
Forwarding Rate	0.744 Mpps	1.19 Mpps	7.44 Mpps	11.9 Mpps	23.8 Mpps	35.7 Mpps	0.89 Mpps
MAC Address Table Size	2000	2000	2000	4000	8000	8000	2000
Dimensions (W x D x H)	85 mm x 52 mm x 23.5 mm	124 mm x 60 mm x 24 mm	85 mm x 52 mm x 23.5 mm	124 mm x 60 mm x 24 mm	280 mm x 125 mm x 43.6 mm	280 mm x 125 mm x 43.6 mm	166 mm x 132.6 mm x 43 mm
Weight (With package)	0.21 kg	0.25 kg	0.22 kg	0.27 kg	1.78 kg	1.86 kg	0.96 kg
Warranty	3 years	3 years	3 years	3 years	3 years	3 years	3 years

### Software Features

Auto/Full-/Half-Duplex Negotiation	✓	✓	✓	✓	✓	✓	✓
Auto MDI/MDIX	✓	✓	✓	✓	✓	✓	✓
PoE Watchdog Interval	-	-	-	-	-	-	✓

### Hardware Features

Reset Button	-	-	-	-	-	-	-
Flow Control	-	-	-	-	✓	✓	✓
Port Isolation	-	-	-	-	✓	✓	✓

## Specifications

## Hardware Features

[illegible]

No PoE load:  
< 6 W

PoE full load:  
< 54 W

# Specifications

## Basic

Specification	RG-ES110F-P	RG-ES110FG-P	RG-ES110GS-P-L	RG-ES118FGS-LP	RG-ES118GS-P-L	RG-ES126FGS-LP	RG-ES126FGS-P
Downlink Ports	8 x 10/100BASE-T	8 x 10/100BASE-T	8 x 10/100/1000BASE-T	16 x 10/100BASE-T	16 x 10/100/1000BASE-T	24 x 10/100BASE-T	24 x 10/100BASE-T
Uplink Ports	2 x 10/100BASE-T	2 x 10/100/1000BASE-T	1 x 10/100/1000BASE-T 1 x 1000BASE-X SFP	2 x 10/100/1000BASE-T with 2 Combo ports	2 x 1000BASE-X SFP	2 x 10/100/1000BASE-T with 1 Combo port	2 x 10/100/1000BASE-T with 1 Combo port
PoE/PoE+ Ports	8	8	8	16	16	24	24
Max. PoE Budget	110 W	110 W	120 W	120 W	247 W	180 W	370 W
Layer Type	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged	Unmanaged
Switching Capacity	2.0 Gbps	5.6 Gbps	20 Gbps	7.2 Gbps	36 Gbps	8.8 Gbps	8.8 Gbps
Forwarding Rate	1.48 Mpps	4.17 Mpps	14.8 Mpps	5.35 Mpps	26.8 Mpps	6.55 Mpps	6.55 Mpps
MAC Address Table Size	8000	8000	4000	8000	8000	8000	8000
Dimensions (W x D x H)	166 mm x 132.6 mm x 43 mm	166 mm x 132.6 mm x 43 mm	190 mm x 150 mm x 43 mm	440 mm x 214.9 mm x 44 mm	440 mm x 214.9 mm x 44 mm	440 mm x 214.9 mm x 44 mm	440 mm x 214.9 mm x 44 mm
Weight (With package)	1.22 kg	1.22 kg	1.44 kg	3.0 kg	3.78 kg	3.2 kg	3.78 kg
Warranty	3 years	3 years	3 years	3 years	3 years	3 years	3 years

## Software Features

Auto/Full-/Half-Duplex Negotiation	✓	✓	✓	✓	✓	✓	✓
Auto MDI/MDIX	✓	✓	✓	✓	✓	✓	✓
PoE Watchdog Interval	✓	✓	✓	✓	✓	✓	✓

## Hardware Features

Reset Button	-	-	-	-	-	-	-
Flow Control	✓	✓	✓	✓	✓	✓	✓
Port Isolation	✓	✓	✓	✓	✓	✓	✓

## Specifications

## Hardware Features

[illegible]



## Package Contents

Device	RG-ES05F	RG-ES08F	RG-ES05G-L	RG-ES08G-L	RG-ES116G-L	RG-ES124G-L	RG-ES106F-P
Device	✓	✓	✓	✓	✓	✓	✓
Power Supply	✓	✓	✓	✓	Power cable	Power cable	Power cable
User Manuel	✓	✓	✓	✓	✓	✓	✓
Warranty Card	✓	✓	✓	✓	✓	✓	✓
Accessories	-	-	-	-	Mounting bracket * 2, Rubber foot * 4, Screw * 6	Mounting bracket * 2, Rubber foot * 4, Screw * 6	-
Package Weight	0.21 kg	0.25 kg	0.22 kg	0.27 kg	1.78 kg	1.86 kg	0.96 kg
Package Dimensions (L x W x H)	168 mm x 82.2 mm x 58 mm	207 mm x 82.2 mm x 58 mm	168 mm x 82.2 mm x 58 mm	207 mm x 82.2 mm x 58 mm	327 mm x 232 mm x 66 mm	327 mm x 232 mm x 66 mm	188 mm x 200 mm x 58 mm

Device	RG-ES110F-P	RG-ES110FG-P	RG-ES110GS-P-L	RG-ES118FGS-LP	RG-ES118GS-P-L	RG-ES126FGS-LP	RG-ES126FGS-P
Device	✓	✓	✓	✓	✓	✓	✓
Power Supply	Power cable	Power cable	Power cable	Power cable	Power cable	Power cable	Power cable
User Manuel	✓	✓	✓	✓	✓	✓	✓
Warranty Card	✓	✓	✓	✓	✓	✓	✓
Accessories	-	-	-	Mounting bracket * 2, Screw * 6	Mounting bracket * 2, Rubber foot * 4, Screw * 6	Mounting bracket * 2, Screw * 6	Mounting bracket * 2, Screw * 6
Package Weight	1.22 kg	1.22 kg	1.44 kg	3.0 kg	3.78 kg	3.2 kg	3.78 kg
Package Dimensions (L x W x H)	188 mm x 200 mm x 58 mm	188 mm x 200 mm x 58 mm	214 mm x 223 mm x 58 mm	547 mm x 306 mm x 114 mm	547 mm x 306 mm x 114 mm	547 mm x 306 mm x 114 mm	547 mm x 306 mm x 114 mm



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