



Full Gigabit Unmanaged Ethernet Switch

Data sheet

EW-S1605CGU | EW-S1608CGU | EW-S1616CGU | EW-S1624CGU

The EW-S16 full Gigabit series includes four models: EW-1605CGU, EW-1608CGU, EW-1616CGU, and EW-1624CGU. This series of products is suitable for closed-circuit television monitoring network switches in simple network environments such as homes, schools, dormitories, offices, and multi-scale monitoring systems. The large capacity and the design and full-port support for wire-speed forwarding mode ensure stable and smooth video and data transmission. Self-learning RAS interface. The full-duplex rate can reach up to 200M. Automatically identify parallel lines and cross lines. Plug and play, rapidly expand high-speed networks.

Features

• Easy to set up

These switches are easy to set up with no configuration required. They are desktop and wall-mountable, and feature auto MDI/MDIX for seamless connection without the need for crossover cables.

• Gigabit Fast speed

Each port automatically negotiates the appropriate speed (100/1000/1000Mbps) to ensure compatibility and optimal performance.

• Various application scenarios

Ideal for home office and small-to-medium businesses that need reliable, high-speed multi-Gigabit networking, these plug-and-play switches offer hassle-free setup and excellent performance.



1

Technical Specifications



Model	EW-S1605CGU	EW-S1608CGU
Interface	5*10/100/1000Base-T RJ45 Port	8*10/100/1000Base-T RJ45 Port
Feature	Gigabit non-blocking transmission, keeps network fluent. Support MAC self learning and updating.	
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3u 10BASE-T; IEEE802.3ab 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3z.	
Twisted Pair Transmission	10BASE-T: Cat5 UTP (≤100 meter) 1000BASE-T: Cat5 or later UTP (≤100 meter)	100BASE-TX: Cat5 or later UTP (≤100 meter)
Forwarding Rate	7.44Mpps	11.904Mpps
Switching Capacity	10Gbps	16Gbps
Buffer Memory	1M	4M
MAC Address Table	2K	8K
Standard Protocol	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z
Power Consumption	Standby State: <2W. Max power consumption: <4W.	Standby State: <3W. Max power consumption: <5W.
Power Input	DC 5V/1A	
Dimension	102*58*26MM	147*67*26MM
Operation TEMP / Humidity	-20~+55°C/5%~90% RH non condensing	
Storage TEMP / Humidity	-40~+75°C/5%~95% RH non condensing	
Protection	IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge IEC61000-4-5(Lightning protection/Surge): Power: C/M4kV/D/M2kV; Port: ±4kV	
Certification	CCC, CE mark, commercial/CE/LVD EN60950; FCC Part 15 Class B; RoHS	
Warranty	5 Years warranty	

2

Technical Specifications



Model	EW-S1616CGU	EW-S1624CGU
Interface	16*10/100/1000Base-T RJ45 Port	24*10/100/1000Base-T RJ45 Port
Feature	Gigabit non-blocking transmission, keeps network fluent. Support MAC self learning and updating.	
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3u 10BASE-T; IEEE802.3ab 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3z.	
Twisted Pair Transmission	10BASE-T: Cat5 UTP (≤100 meter) 1000BASE-T: Cat5 or later UTP (≤100 meter)	100BASE-TX: Cat5 or later UTP (≤100 meter)
Forwarding Rate	23.808Mpps	35.712Mpps
Switching Capacity	32Gbps	48Gbps
Buffer Memory	4M	4M
MAC Address Table	8K	8K
Standard Protocol	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z
Power Consumption	Standby State: <5W. Max power consumption: <10W.	Standby State: <8W. Max power consumption: <12W.
Power Input	DC 12V/1A	AC100-240V 50/60Hz
Dimension	273*87*29mm	311*164*43mm
Operation TEMP / Humidity	-20~+55°C/5%~90% RH non condensing	
Storage TEMP / Humidity	-40~+75°C/5%~95% RH non condensing	
Protection	IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge IEC61000-4-5(Lightning protection/Surge): Power: C/M4kV/D/M2kV; Port: ±4kV	
Certification	CCC, CE mark, commercial/CE/LVD EN60950; FCC Part 15 Class B; RoHS	
Warranty	5 Years warranty	

3

Packaging Information

CONTENT	QTY	UNIT
Gigabit Ethernet Switch	1	SET
User Guide	1	PC
Warranty Card	1	PC

Contact us

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4