



Full Gigabit Unmanaged Ethernet Switch

Data sheet

EW-S1805CGU(EW-S1806CGU)EW-S1810CGU(EW-S1824CGU)

The EW 100 Full Gigabit series switches offer models: EW-S1805CGU, EW-S1806CGU, EW-S1810CGU, and EW-S1824CGU. The series of products is suitable for fixed-point backbone monitoring, network (switch) in single network environments (such as hotels, schools, dormitories, offices, and medium-size monitoring systems). The series supports both PoE and PoE+ support. The series supports forwarding mode (static and dynamic) and also supports 802.1X. The series supports PoE (static) interface. The full-series data can reach up to 200M. Automatically identify parallel links and auto flow. Plug and play, highly reliable 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/MDI-X 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 business that need reliable, high-speed 10/100-Gigabit networking, throughput and play switches offer hassle-free setup and excellent performance.



Technical Specifications

Model	EW-S1805CGU	EW-S1810CGU
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, IEEE802.3x, 100Base-TX, IEEE802.3ab, 1000Base-T, IEEE802.3z.	
Twisted Pair Transmission	10Base-T: Cat5 UTP (500 meter) 100Base-TX: Cat5 or later UTP (500 meter)	10Base-T: Cat5 UTP (500 meter) 100Base-TX: Cat5 or later UTP (500 meter)
Forwarding Rate	3.44Mpps	33.304Mpps
Switching Capacity	300Gbps	360Gbps
Buffer Memory	1M	4M
MAC Address Table	2K	8K
Standard Protocol	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE802.3ab, IEEE802.3z	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE802.3ab, IEEE802.3z
Power Consumption	Standby 310W<3W, Max power consumption <4W	Standby 10W<3W, Max power consumption <3W
Power Input	DC 5V/1A	
Dimension	101*58*26mm	147*67*26mm
Operation TEMP / Humidity	-20~+55°C/5%-95% 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(Surge) protection/Surge: Power CMB-8KV/BMS200V, Port: ±4KV	
Certification	CCC, CE mark, common/CE/LVD EN60950, FCC Part 15 Class B, RoHS	
Warranty	3 Years warranty	

Technical Specifications

Model	EW-S1810CGU	EW-S1824CGU
Interface	8*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, IEEE802.3x, 100Base-TX, IEEE802.3ab, 1000Base-T, IEEE802.3z.	
Twisted Pair Transmission	10Base-T: Cat5 UTP (500 meter) 100Base-TX: Cat5 or later UTP (500 meter)	10Base-T: Cat5 UTP (500 meter) 100Base-TX: Cat5 or later UTP (500 meter)
Forwarding Rate	23.808Mpps	35.722Mpps
Switching Capacity	330Gbps	480Gbps
Buffer Memory	4M	4M
MAC Address Table	8K	8K
Standard Protocol	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE802.3ab, IEEE802.3z	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE802.3ab, IEEE802.3z
Power Consumption	Standby 310W<3W, Max power consumption <3W	Standby 10W<3W, Max power consumption <3W
Power Input	DC 12V/1A	AC100-240V 50/60Hz
Dimension	273*81*29mm	311*164*42mm
Operation TEMP / Humidity	-20~+55°C/5%-95% 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(Surge) protection/Surge: Power CMB-8KV/BMS200V, Port: ±4KV	
Certification	CCC, CE mark, common/CE/LVD EN60950, FCC Part 15 Class B, RoHS	
Warranty	3 Years warranty	

Packaging Information

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

Contact us

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