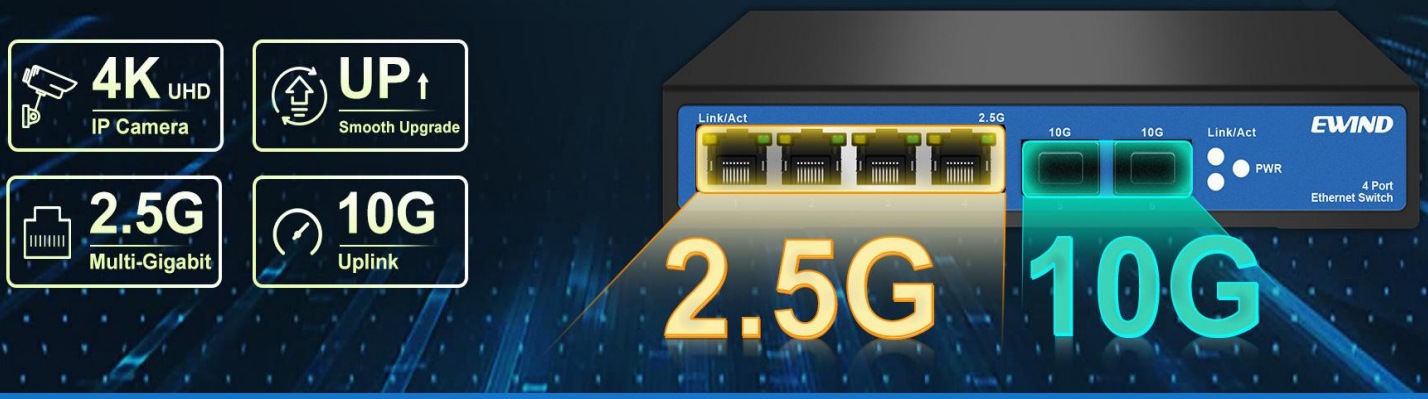
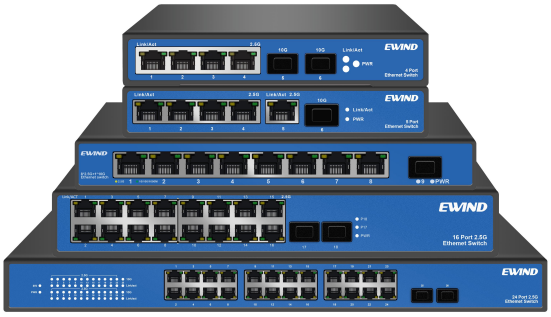
2.5G RJ-45 Ports & 10G Uplink Ports

2.5G Ethernet Switch



Unmanaged 2.5G Multi-Gigabit Ethernet Switch series

EW-S6805F | EW-S6806 | EW-S6809 | EW-S6818 | EW-S6826



Overview

The 2.5G series of unmanaged multi-Gigabit network switches is designed to provide high-speed connectivity up to 2.5Gbps for small and medium-sized networks, including home offices, school dormitories, offices, and small-scale surveillance systems. Featuring a large-capacity cache chip and full-port support for wire-speed forwarding, it ensures stable, uninterrupted video and data transmission 24/7, making it an ideal solution for environments that demand reliable performance.

Highlights

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. Each port automatically negotiates the appropriate speed (100/1000/2500Mbps) to ensure compatibility and optimal performance.

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

Specifications

Product Picture					
Model	**EW-S6805F**	**EW-S6806**	**EW-S6809**	**EW-S6818**	**EW-S6826**
Ports	5x2.5G RJ45 ports	2x2.5G RJ45 ports	8x2.5G RJ45 ports	16x2.5G RJ45 ports	24x2.5G RJ45 ports
Uplink Ports	1x10G SFP+ ports	2x10G SFP+ ports	1x10G SFP+ ports	2x10G SFP+ ports	2x10G SFP+ ports
PoE Ports	**Non-PoE**				
Standards & Protocol	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3bz(2.5GBASE-T), IEEE 802.3x, IEEE 802.1x, IEEE 802.3ae, IEEE 802.3aq				
Port Features	10/100/1000/2500Base-T(X) AUTO Negotiation, AUTO MDI/MDIX				
Optical Fiber Feature	Multi Mode: 50/125; 62.5/125; 100/140um Single Mode: 8/125; 8.7/125; 9/125; 10/125um				
LED Indicators	Power indicator: PWR (Green); Network indicator: 1-8(Link/Act)/2.5G(Yellow), 10/100/1000M(Green), 9(Link/Act)/10G (Green)				
Forwarding Mode	Store and Forward				
Switching Capacity	60Gbps	45Gbps	60Gbps	120Gbps	160Gbps
Forwarding Rate	58.59Mpps	43.95Mpps	58.59Mpps	117.19Mpps	156.25Mpps
MAC Address Table	4K	4K	4K	16K	16K
Buffer Memory	8Mbit	8Mbit	8Mbit	12Mbit	12Mbit
Power Supply	External power supply, 2.1 Connector Adapter Input Voltage: AC 100-240V, Output Voltage: DC12V1A			External power supply, 2.1 Connector AC 100-240V, Output Voltage: DC12V4A	
Dimension	160*95*30MM	160*95*30MM	190*113*30MM	270*81*44MM	440*180*44MM
Operation Temp / Humidity	-20°C to +55°C; 5%~90% RH non condensing				
Storage Temp / Humidity	-40°C to +75°C; 5%~95% RH non condensing				
Net /Gross Weight	<0.5kg / <1kg	<0.5kg / <1kg	<0.75kg / <1kg	<2kg / <2.5kg	<2.7kg / <3kg
Installation Methods	Desktop / Wall-Mount	Desktop / Wall-Mount	Desktop / Wall-Mount	Desktop / Rack-Mount	Desktop / Rack-Mount
Protections	IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge IEC61000-4-5(Lightning protection/Surge): Power:CM±4kV/DM±2kV; Port: ±6kV				
Protection Level	IP30				
Certifications	CCC; CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS				

Ordering Information

Model	Products	Uplink Ports	Power Supply
EW-S6805F	**4-Port** 100/1000/2500Mbps Unmanaged Ethernet Switch	2x10G SFP+	External 12VDC/1A
EW-S6806	**5-Port** 100/1000/2500Mbps Unmanaged Ethernet Switch	1x10G SFP+	External 12VDC/1A
EW-S6809	**8-Port** 100/1000/2500Mbps Unmanaged Ethernet Switch	1x10G SFP+	External 12VDC/1A
EW-S6818	**16-Port** 100/1000/2500Mbps Unmanaged Ethernet Switch	2x10G SFP+	External 12VDC/4A
EW-S6826	**24-Port** 100/1000/2500Mbps Unmanaged Ethernet Switch	2x10G SFP+	External 12VDC/4A

Packaging Information

CONTENT	QTY	UNIT
4/5/8/16/24 Port 2.5G Multi-Gigabit Ethernet Switch	1	SET
External Power Adapter	1	PC
Rack Mounting Ears (16/24-Port Model)	1	PAIR
User Guide	1	PC
Warranty Card	1	PC

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