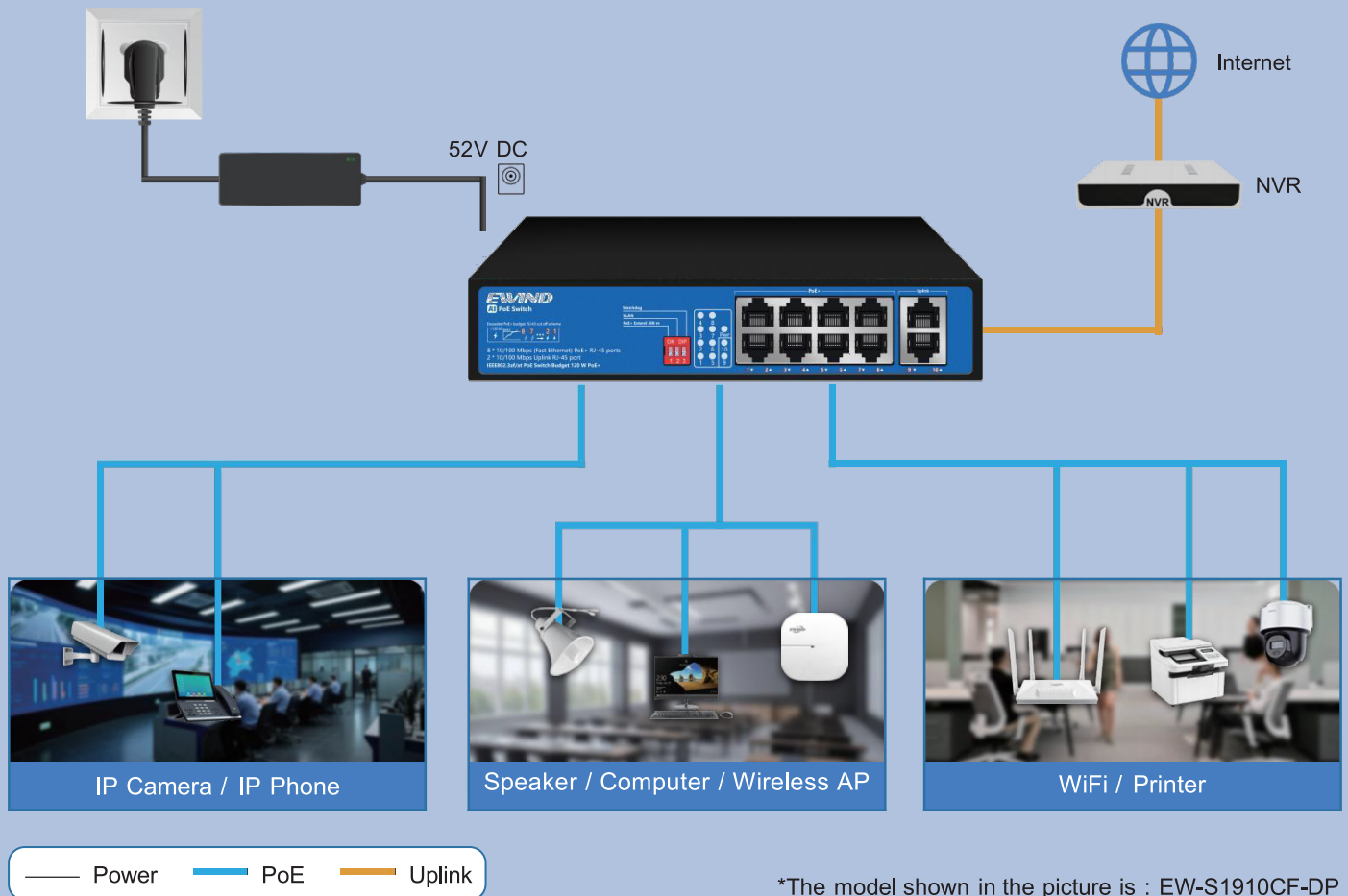




100M Unmanaged PoE Switch

The 100M AI Watchdog PoE series switches are unmanaged Ethernet power over Ethernet switches. The maximum output power of the PoE interface of this series of products reaches 30W. All models in this series are equipped with independent three-position dip switches, which can respectively control the Extend, VLAN and AI Watchdog functions. They can take effect without restarting the power supply, and the operation is convenient and flexible. With its efficient power supply capacity and intelligent functional design, this series of switches is highly suitable for network application scenarios that require stable and high-power Ethernet power supply.



Features

- Extend 300M Long Distance Transmission

In long-distance deployment scenarios, AI expansion can extend a single port to transmit up to 300 meters while automatically adjusting the speed (with a speed limit of 10Mbps), and other ports can maintain 100M within 100 meters.

- VLAN

In the network, to isolate network access between different departments, prevent virus-infected PCs from affecting the entire network, virtual local area networks are divided into different VLANs to isolate broadcast domains and enhance network stability. This also improves network management efficiency and security.

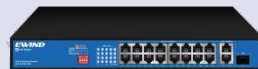
- AI Watchdog

It can automatically detect the operating status of the equipment. When a port failure is detected, it will automatically attempt to restore the connection and restart the abnormal device, thereby reducing maintenance costs and improving system stability, and minimizing manual intervention to the greatest extent.

- Port Priority

When the power supply is insufficient, intelligent power-off is carried out based on the port number to achieve priority power supply for important equipment.

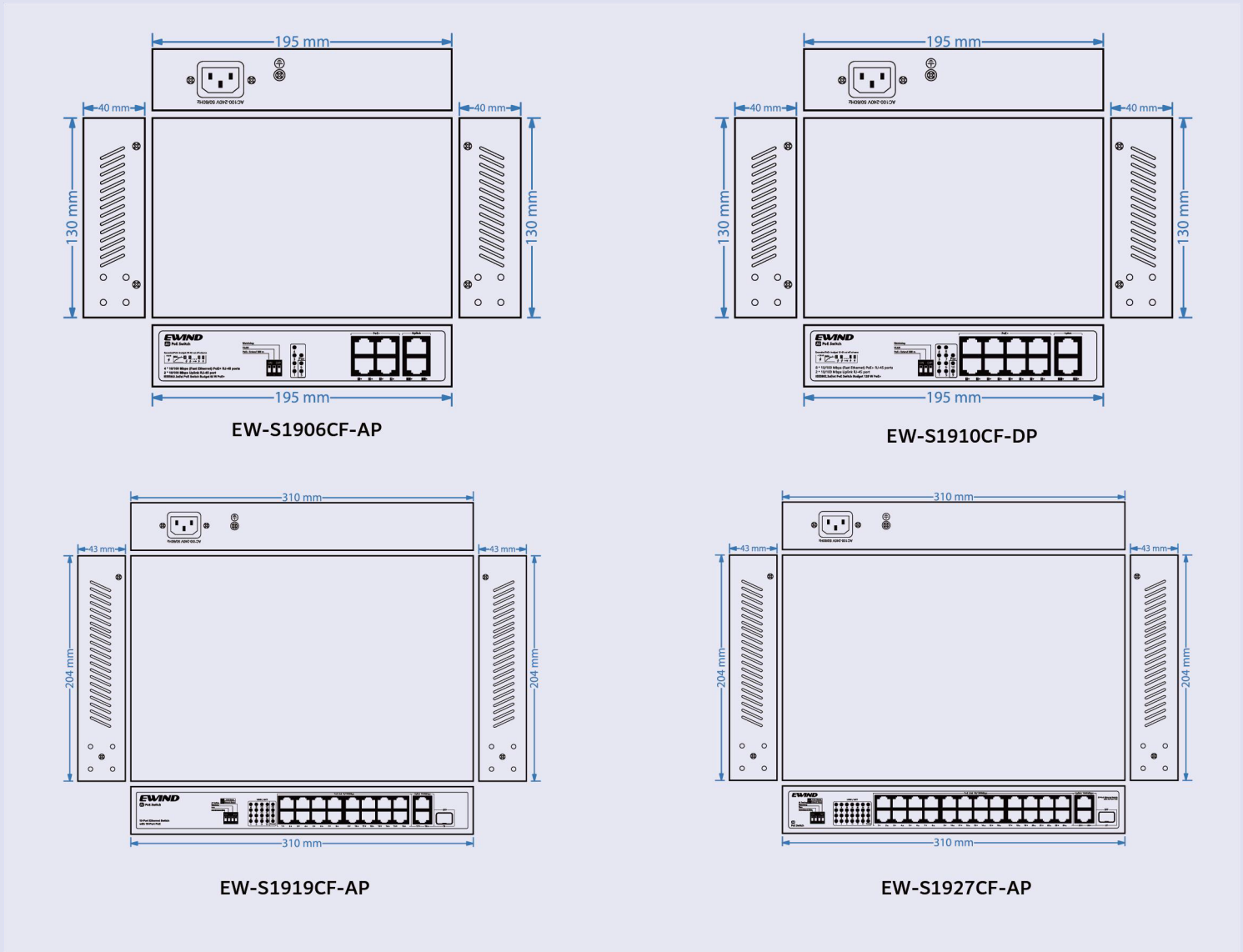
Technical Specifications



Model	EW-S1906CF-AP	EW-S1910CF-AP	EW-S1919CF-AP	EW-S1927CF-AP
PoE Ports	4*10/100Mbps	8*10/100Mbps	16*10/100Mbps	24*10/100/1000Mbps
Uplink Ports	2*10/100Mbps RJ45 Ports	2*10/100/1000Mbps RJ45 Ports	2*10/100/1000Mbps RJ45 Ports 1*100/1000Mbps SFP Fiber Ports	2*10/100/1000Mbps RJ45 Ports 1*100/1000Mbps SFP Fiber Ports
Switching Capacity	1.2Gbps	5.6Gbps	9.2Gbps	10.8Gbps
Forwarding Rate	0.89Mpps	4.16Mpps	6.84Mpps	8.05Mpps
MAC Address Table	1K	8K	8K	8K
Buffer Memory	768K	2M	4M	4M
Power Supply	65W (52DC)	120W (52DC)	250W (52DC)	300W (52DC)
Power Consumption	Standby:<2W; Full load:<65W.	Standby:<6W; Full load:<120W.	Standby:<6W; Full load:<250W.	Standby:<6W; Full load:<300W.

Model	EW-S1906CF-AP	EW-S1910CF-AP	EW-S1919CF-AP	EW-S1927CF-AP
LED Indicator	Power indicator: PWR (Green); Network indicator: 1-4(Link/Act)/ (Green); 5-6(Link/Act)/ (Green).	Power indicator: PWR (Green); Network indicator: 1-8(Link/Act)/ (Green); 9-10(Link/Act)/ (Green).	Power indicator: PWR (Green); Network indicator: 1-16(Link/Act)/ (Green); 17-19(Link/Act)/ (Green).	Power indicator: PWR (Green); Network indicator: 1-24(Link/Act)/ (Green); 25-27(Link/Act)/ (Green).
Dimension	195*130*40mm	195*130*40mm	310*205*45mm	310*205*45mm
Net /Gross Weight	<0.85kg / <1.2kg	<0.95kg / <1.5kg	<1.8kg / <2.15kg	<2.5kg / <2.8kg
Ethernet Port Feature	10/100Base-T(X) automatic detection,- full/half Duplex MDI/MDI-X adaptive .	10/100Base-T(X) 10/100/1000 Base-T automatic detection;full/half Duplex MDI/M-DI-X adaptive .		
EVD Function	With the Dial code switch, support port priority by default. E:AI Extend 300meters transmission and auto speed change of single port (limit 10Mbps), other ports maintain 100M within 100 meters; V:Turn on,Each Port support each port Isolation & VLAN; D:Turn on,Each Port support AI-PoE Network self-healing mode (PoE Watchdog function), Automatic solve the camera problem &reduce after-sale.			
PoE standard	PoE Ports support @IEEE802.3af/at.			
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;IEEE802.3u 100Base-TX; IEEE802.3x. IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;IEEE802.3u 100Base-TX;IEEE802.3ab 1000Base-T;IEEE802.3z 1000base-X;IEEE802.3x.			
Fiber Port Feature	Gigabit SFP Port (Fiber module is not included, need to order separately, module options include single/multi-mode, single/dual fiber, LC)			
Forwarding Mode	Store and Forward			
Twisted Pair Transmission	10BASE-T: Cat5 UTP (≤300 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter) 1000BASE-T: Cat5 or later UTP (≤100 meter)			
Power Supply Pin	Default 1/2(+), 3/6(-).			
Power Supply	Buli-in power adapter			
Operation TEMP / Humidity	-20~+55°C;5%~90% RH non condensing			
Storage TEMP / Humidity	-40~+75°C;5%~95% RH non condensing			
Installation Method	desktop type,wall mounted			
Protection	IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge; IEC61000-4-5(Lightning protection/Surge): Power:CM±4kV/DM±2kV; Port: ±4kV.			
Protection Level	IP30			
Certification	CCC;CE mark,commercial;CE/LVD EN60950;FCC Part 15 Class B;RoHS.			
Warranty	3 years,lifetime maintenance.			

Appearances and Dimensions



Packing list

CONTENT	QTY	UNIT
100M Unmanaged PoE Switch	1	SET
User Guide and Warranty Card	1	PC

Contact us

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