

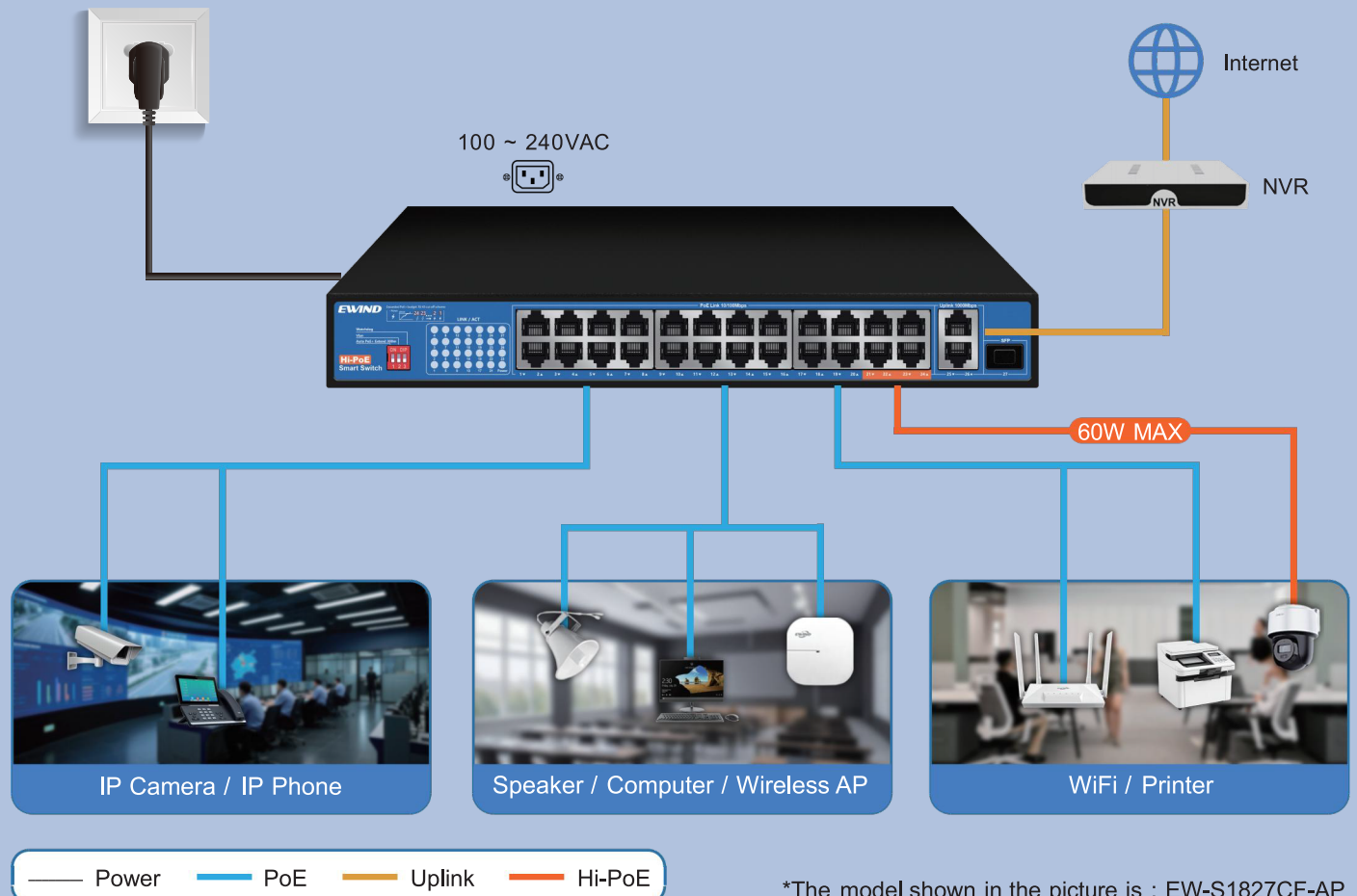


100M Hi PoE Switch

The 10/100M AI Hi-PoE Series Switches are unmanaged Ethernet switches with Power over Ethernet (PoE) capability. Each PoE port delivers up to 30W, while Hi-PoE ports support up to 60W, ensuring reliable power for high-demand devices.

All models are equipped with independent three-position DIP switches that control Extend, VLAN, and AI Watchdog functions. These settings take effect immediately without requiring a restart, providing convenient and flexible operation.

With robust power delivery and intelligent features, this series is well-suited for network environments that demand stable, high-power PoE performance.



*The model shown in the picture is : EW-S1827CF-AP

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.

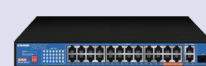
- Port Priority

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.

- Hi PoE

Hi-PoE module can adapt to different device requirements, suitable for high power output, flexible power supply mode, and a wide range of application scenarios. It can power not only Hi-PoE devices, but also devices that support PoE+ or PoE. This means that Hi-PoE modules have higher compatibility and are able to adapt to different device needs. High power output, flexible power supply and a wide range of application scenarios.

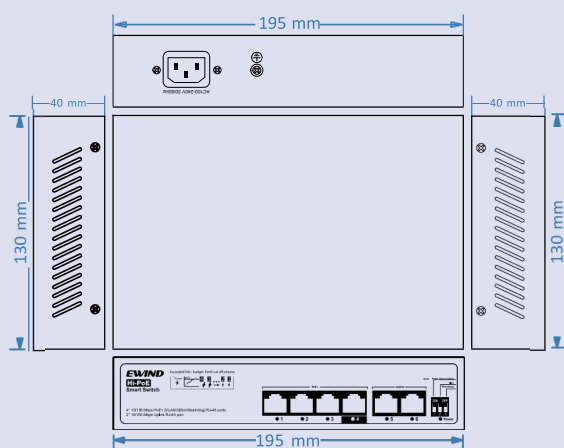
Technical Specifications



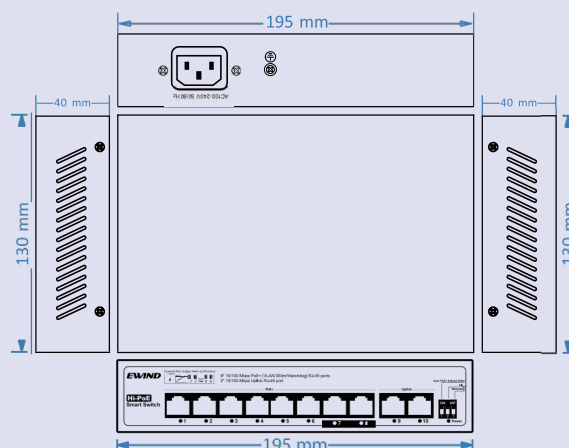
Model	EW-S1806CF-AP	EW-S1810CF-AP	EW-S1810GU-AP	EW-S1819CF-AP	EW-S1827CF-AP
PoE Ports	4*10/100Mbps	8*10/100Mbps	8*10/100Mbps	16*10/100Mbps	24*10/100Mbps
Uplink Ports	2*10/100Mbps RJ45 Ports	2*10/100Mbps RJ45 Ports	2*10/100/1000Mbps RJ45 Ports	2*10/100/1000Mbps RJ45 Ports 1*100/1000Mbps SFP Fiber Ports	2*10/100/1000Mbps RJ45 Ports 1*100/1000Mbps SFP Fiber Ports
Switching Capacity	1.2Gbps	2Gbps	5.6Gbps	9.2Gbps	10.8Gbps
Forwarding Rate	0.8928Mpps	1.49Mpps	4.17Mpps	6.84Mpps	8.04Mpps
MAC Address Table	2K	2K	2K	2K	2K
Buffer Memory	768K	768K	2M	2M	2M
Power Supply	65W	120W	120W	250W	300W
Power Consumption	Standby:<3W; Full load:<65W.	Standby:<5W; Full load:<120W.	Standby:<6W; Full load:<120W.	Standby:<10W; Full load:<250W.	Standby:<15W; Full load:<300W.

Model	EW-S1806CF-AP	EW-S1810CF-AP	EW-S1810GU-AP	EW-S1819CF-AP	EW-S1827CF-AP
LED Indicator	Power indicator: PWR (Green); Network indicator: 1-6(Link/Act)/ (Green).	Power indicator: PWR (Green); Network indicator: 1-10(Link/Act)/ (Green).	Power indicator: PWR (Green); Network indicator: 1-10(Link/Act)/ (Green).	Power indicator: PWR (Green); Network indicator: 1-19(Link/Act)/ (Green).	Power indicator: PWR (Green); Network indicator: 1-27(Link/Act)/ (Green).
Dimension	195*130*40mm	195*130*40mm	195*130*40mm	310*205*44mm	310*205*44mm
Net /Gross Weight	<0.8kg / <1.2kg	<1kg / <1.2kg	<1kg / <1.2kg	<3kg / <4kg	<3kg / <4kg
MAX / AVERAGE Power Per Port	Port 1-3: 30W/15.4W; Port 4: 60W/30W/15.4W.	Port 1-6: 30W/15.4W; Port 7-8: 60W/30W/15.4W.	Port 1-6: 30W/15.4W; Port 7-8: 60W/30W/15.4W.	Port 1-12: 30W/15.4W; Port 13-16: 60W/30W/15.4W.	Port 1-20: 30W/15.4W; Port 21-24: 60W/30W/15.4W.
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/MDI-X adaptive .		
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.		
Power Supply Pin	AF/AT:1/2(+),3/6(-);Hi PoE:1/2(+),3/6(-),4/5(+),7/8(-).				
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/bt.				
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	Build-in power supply AC100~240V 50-60Hz.				
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;EW-S1919CF-AP and EW-S1927CF-AP supports 1U Rack Mount.				
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	2 years,lifetime maintenance.				

Appearances and Dimensions

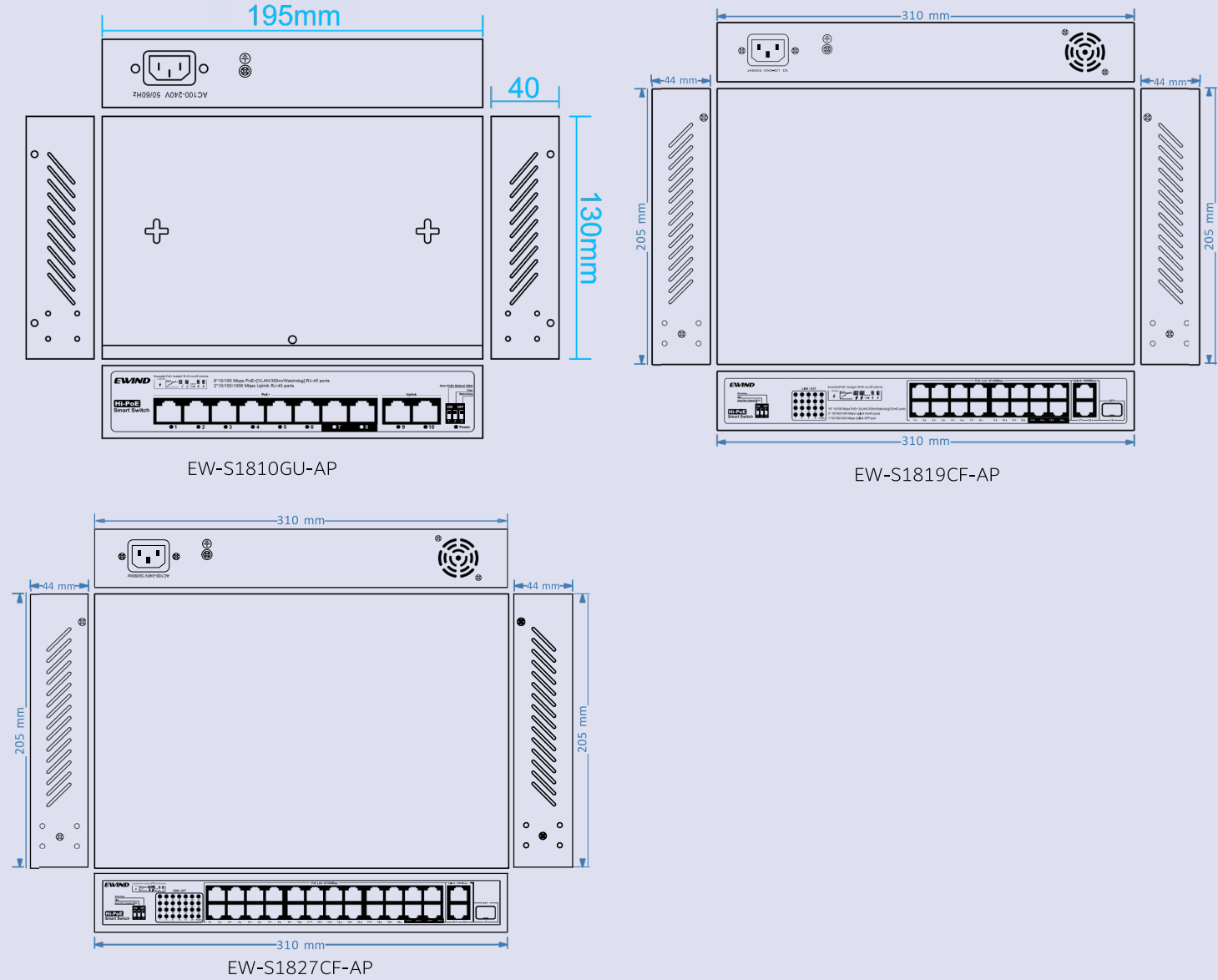


EW-S1806CF-AP



EW-S1810CF-AP

Appearances and Dimensions



Packing list

CONTENT	QTY	UNIT
100M Unmanaged PoE Switch	1	SET
User Guide and Warranty Card	1	PC
Hanging Ear(EW-S1819CF(S1827CF)-AP)	1	PAIR
AC Power Cord	1	PC

Contact us

EWIND Technology Co., Limited.

Office Address: Room 508, 5/F, XingHe World Tower E, Yabao Road, Longhua Dist, Shenzhen City, Guangdong, China.
 Factory Address: 5th floor, Building 3, ZhongYuntai industrial area, Songbai Road, Shiyan Street, Shenzhen Baoan District, China.
 Email: info@ewindnet.com Website: www.ewindnet.com
 Tel: +86-755-2100 6440

