

Industrial Cloud PoE Fiber Switch

Data sheet

EW-EPIS3910-8GE

The EW-EPIS3910-8GE, a full gigabit industrial Cloud PoE fiber switch, is independently developed by EWIND. It features 8*10/100/1000Base-T POE ports, 1*10/100/1000M RJ45 port and 1*10/100/1000M SFP Fiber port. Ports 1-8 support the IEEE 802.3af/at PoE standard, with a single-port PoE power output of up to 30W, and the switch can deliver a maximum PoE output power of 120W .

The Cloud PoE switch series boasts an advanced remote online management platform, ensuring a fast response. Key features include PoE scheduling, PoE auto-alive check, port settings, alarm notifications, VLAN configuration, and topology mapping, among others. These functionalities allow users to manage their networks effortlessly, ensuring optimal performance, enhanced productivity, and an improved user experience. With the EWIND Cloud App/Website Platform, users can monitor and maintain their network and security systems anytime and anywhere. As a PoE power supply device, it can automatically detect and recognize standard power receiving equipment and supply power via the network cable. It powers PoE terminal devices such as wireless APs, IP cameras, and industrial sensors through the network cable, catering to network environments requiring high-density PoE power supply. The switch is ideal for industrial scenarios including intelligent transportation, rail transit, power industry, mining, petroleum, sea transportation, metallurgy, and green energy construction, forming a cost-effective, stable, and reliable communication network.

Features

• 8 PoE port+1 RJ45+1 SFP Fiber port

8*10/100/1000M POE+ 1*100/1000M RJ45+1*/100/1000M SFP Fiber Port Industrial PoE Switch, 1-8 ports support IEEE 802.3af/at.

• PoE port power supply

1-2 PoE Port are non-standard PoE ports, the power supply pin is 4, 5(+)/7, 8(-), the power supply power is 12V/0.8A or 24V/0.8A;

3-6 PoE port support AF/AT intelligent recognition, standard power is 15.4W/port and maximum power is 30W/port;

7-8 PoE port support BT intelligent recognition. standard power is 15.4W/port and maximum power is 60W/port.

• AI Watch Dog

Support AI Watchdog, Port self-healing, VLAN, extend 300meter distance, Auto Speed Change, Priority port & reduce the after-resale.

• Operation TEMP/ Humidity

-40~+85°C; 5%~90% RH Non condensing

- **Input voltage**

Input voltage: DC12-40V

- **IP protection level**

IP40; Rail-type installation;

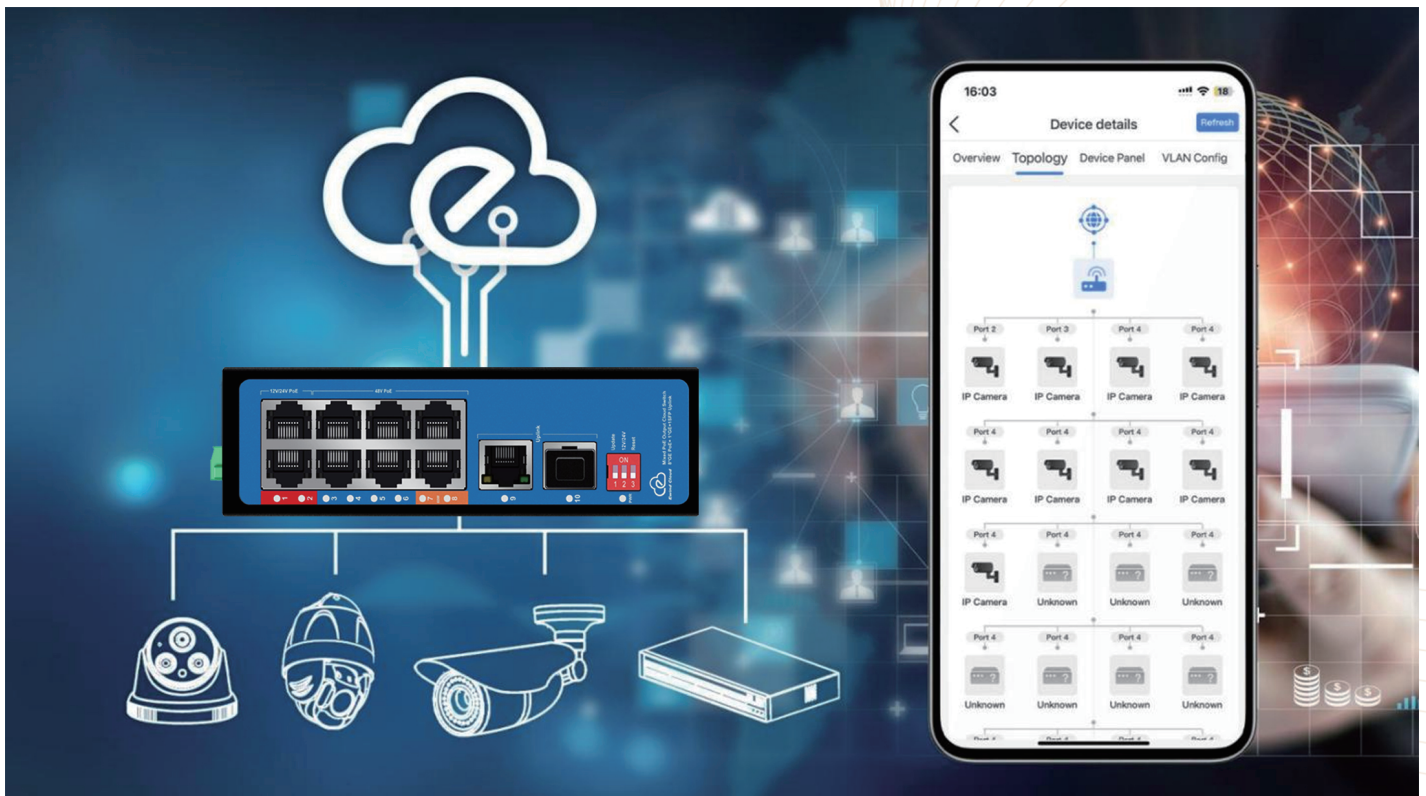
- **Warranty**

5 years warranty.



High Lights

EWIND Cloud PoE Switches integrate seamlessly with the EWIND Cloud platform / Mobile APP, enabling remote management of your devices through a secure, cloud-based interface. The platforms automatically generates a network topology, allowing you to efficiently monitor and manage your entire CCTV system while quickly identifying network issues in real time. This enhances operational efficiency and significantly simplifies network maintenance.



EWIND Cloud offers a robust, cloud-based service system that provides comprehensive management of on-site devices, ensuring seamless connectivity and offering a full suite of support services. Additionally, the Cloud PoE Switches are equipped with a long-distance PoE functionality, capable of delivering power to devices up to 300 meters away. It is suitable for a variety of applications, including small to medium-sized businesses (SMBs), CCTV security systems, and environments such as homes, factories, and offices.



Technical Specifications



Model	EW-EPIS3910-8GE
PoE Ports	Port 1-8 supports POE ports;Data/Power).
Uplink Ports	1x1000M RJ45 port;1x1000M SFP Fiber port.
Poe Standard	802.3af/at/bt.
Power Supply Pin	1-2:4/5 (+),7/8 (-); 3-6:1/2 (+),3/6 (-); 7-8:1/2 (+),3/6 (-),4/5 (+),7/8 (-).

Technical Specifications



Model	EW-EPIS3910-8GE
Max Power Per Port	1-2:12V mode - 9.6W,24V mode -19.2W,non-standard POE; 3-6:30W, IEEE802.3af/at; 7-8:60W, IEEE802.3af/at/bt.
Network Standards	IEEE802.3 10BASE-T; IEEE802.3u 100BASE-T/TX; IEEE802.3ab 1000BASE-T; IEEE802.3z 1000BASE-X; IEEE802.3u 100BASE-FX; IEEE802.3x.
Forwarding Mode	Store and Forward.
Switching Capacity	20Gbps.
Forwarding Rate	14.88Mpps.
MAC	8K
Buffer Memory	2M.
Jumbo Frame	10K.
Total Power Budget (Typical value)	Turn on DC-12V input:120W; Turn on DC-24V input:200W.
Working Voltage	DC12-40V. 1.DC5.5mm x2.5mm; 2.5 Pin industrial Phoenix terminal.
Power Consumption	Standby:<3W; Full load:<200W.
Optical Cable	Multimode: 850nm 0 ~ 500M,1310nm 0~2KM; Single mode: 1310nm 0 ~ 40KM,1550nm 0 ~ 120KM.
Dimension	137*117*42mm.
Net Weight	0.8Kg.
Operation Temp& Humidity	-40~+85°C;5%~90% RH Non condensing.

Technical Specifications



Model	EW-EPIS3910-8GE
Protection Level	Lightning protection: 6KV 8/20us; Protection level: IP40 IEC61000-4-2(ESD): $\pm 8\text{kV}$ contact discharge, $\pm 15\text{kV}$ air discharge; IEC61000-4-3(RS): 10V/m (80~1000MHz); IEC61000-4-4(EFT): power cable: $\pm 4\text{kV}$; data cable: $\pm 2\text{kV}$; IEC61000-4-5(Surge): power cable: $\text{CM}\pm 4\text{kV}/\text{DM}\pm 2\text{kV}$; data cable: $\pm 4\text{kV}$; IEC61000-4-6(radio frequency transmission): 10V (150kHz~80MHz); IEC61000-4-8(power frequency magnetic field): 100A/m ; 1000A/m , 1s to 3s; IEC61000-4-9(pulsed magnet field): 1000A/m ; IEC61000-4-10(damped oscillation): 30A/m 1MHz; IEC61000-4-12/18(shockwave): $\text{CM } 2.5\text{kV}$, $\text{DM } 1\text{kV}$; IEC61000-4-16(common-mode transmission): 30V ; 300V , 1s; FCC Part 15/CISPR22(EN55022): Class A; IEC61000-6-2(Common Industrial Standard).
Certifications	CCC; CE mark; commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS;.
Warranty	5 years, lifelong maintenance.

Packaging Information

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

Tel: +86-755-2100 6440

