16 Ports Full Gigabit Industrial PoE Switch

User manual V 1.0

Overview

It is a 16-port full gigabit industrial PoE switch series that supports up to 12*10/100/1000M PoE ports and 4*1000M SFP ports. 12*10/100/1000M ports support PoE+, conforming to IEEE 802.3af/at standard, PoE power each port up to 30W.

It supports L3 management, such as OSPF, QoS, RIP, VLAN, MSTP, Multi-brocast, ports management and PoE management.

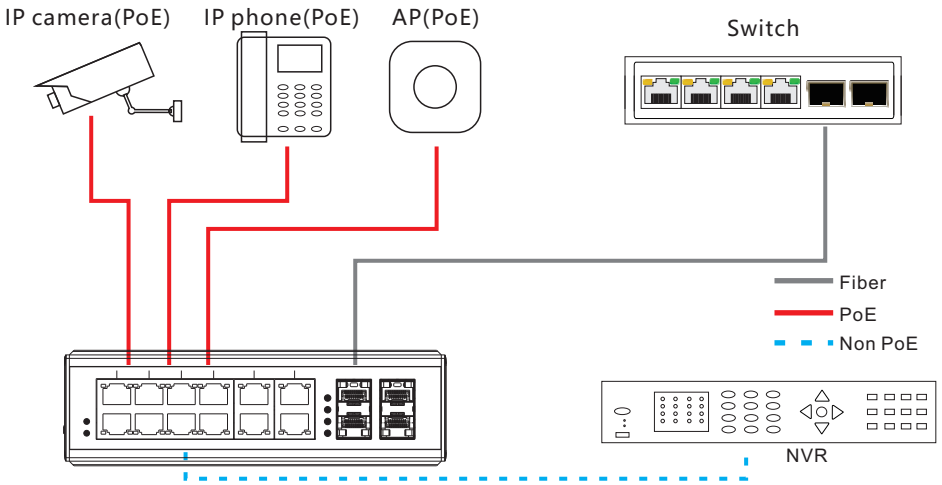
It has a high anti-interference ability, the product supports 6KV surge protection, 8KV contact /15KV air ESD protection.

It supports wall hanging and desktop installation, reliable and durable, and can be used in security network video monitoring, network engineering and other occasions.

Feature

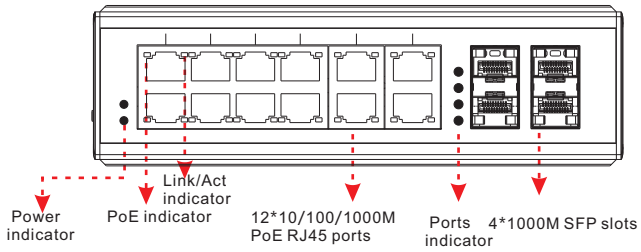
- With 12*10/100/1000M PoE downlink ports, 4*1000M SFP slots;
- Supports 12 port PoE power each up to 30W;
- Supports L3 management, such as OSPF, RIP, QoS, VLAN, MSTP, Multi-brocast, ports management and PoE management;
- 6KV surge protection, 8KV contact / 15KV air ESD protection;
- Supports working temperature -40℃~75℃ .

Application

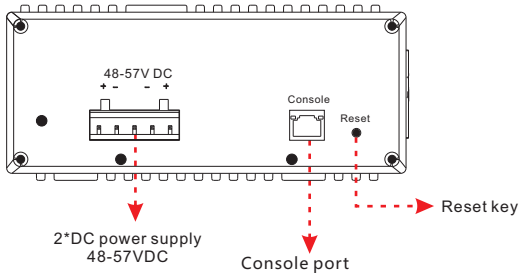


Panel diagram

Front panel

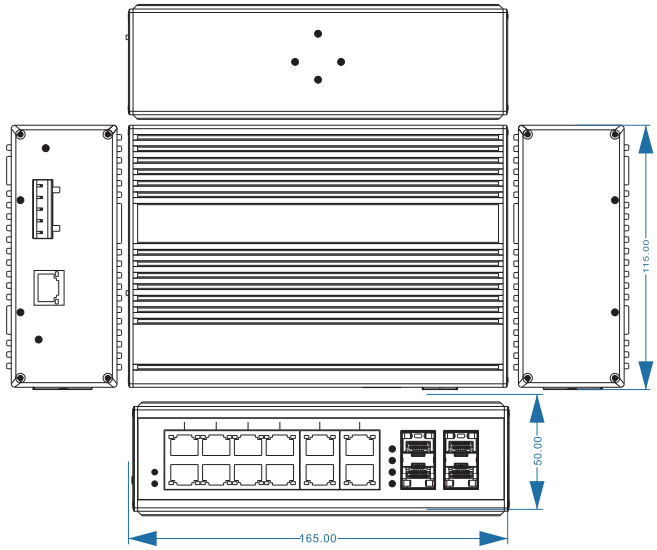


Left panel



Attention 1: This product must be well grounded against lightning, please use better than 20# cable to connect the grounding terminal and ground.

Structure dimension



Package list

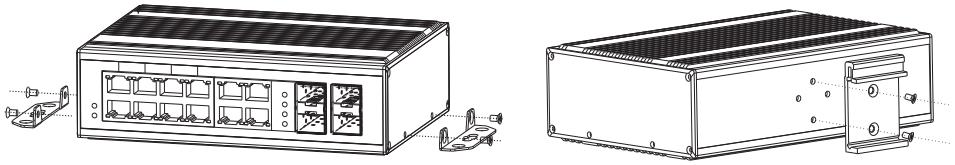
Please check the following items before installation,if any missing , please contact your local dealer.

Switch	1 pc
Wall hanger+screw	1 set
User manual	1 pc

Installation

Installation on the wall

1) Use the screws to fix the hanger, follow the figure below;
2) Drill holes on a strong position of wall and then drive the rubber plug into the hole;
3) Drive these screws into the holes.



Installation step

Please follow the following steps(take video monitoring for example).

If web management, use a network cable to connect the any RJ45 port and the computer'RJ45 port (default IP:192.168.0.1 name: admin password: admin);

If CLI management, use a console cable(RJ45 to R232 serial port 38400,8,N,1 default IP: 192.168.0.1 name: admin password: admin) to connect the Console port and the computer'serial port(DB9);

as the following figure:

Figure 2-5 Connect configuration cable

Specification

Item		
Power	Power supply	Powered by power adaptor
	Range of voltage	DC48V~57V
	Consumption	Self-consumption<20W
Ethernet ports parameter	Ethernet ports parameter	1~12 ports: 10/100/1000Base-T 30W PoE RJ45(IEEE 802.3 af/at) 13~16 ports: 1000M SFP slots
	Console port	RJ45 to serial port (38400,8,N,1)
	Reset key	Short press restart, >5s press recovery to default
	Cable and distance	Use cat5e/6, 100m max.
Switch parameter	Standard	IEEE802.3, IEEE802.3u, IEEE802.3z
	Switch fabric	32Gbps
	Thoughput	23.8Mpps
	Buffer	4M
	MAC address table	8K
Indicator	Power	2 *red
	Uplink 13~16	Green LEDs indicate Link/Act
	Downlink 1~12	Green LEDs indicate Link/Act, yellow LEDs indicate PoE
Protection	Surge	6KV, standard: IEC61000-4-5
	ESD	8KV: contact / 15KV: air, standard: IEC61000-4-2
Enviroment	Working temperature	-40℃~75℃
	Storage temperature	-40℃~85℃
	Humidity	0~95%(No condensation)
Structure	Dimension(L×W×H)	165mm×115mm×50mm
	Material	Metal
	Colour	Black
	Net-weight	500g