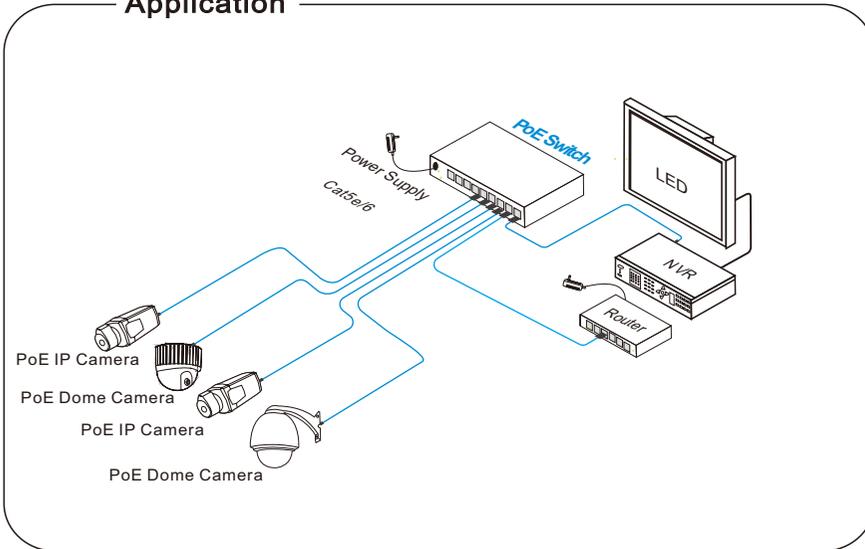# 10/100Mbps Switch with 4/8-Port PoE
User Manual

13.238.101.1932
V1.1

Providing 4/8*10/100Base-TX PoE RJ45 ports and 2*10/100Base-TX uplink RJ45 ports, the output PoE power of single port can be up to 30W, and the total PoE budget is 60W(4 ports) / 120W (8 ports). The PoE switch supports three working modes (DEFAULT, VLAN, CCTV), and is widely used in video surveillance, network project,etc.

Application

■Features

Providing 4/8*10/100Base-TX PoE RJ45 ports, MDI/MDIX, and 2*10/100Base-TX uplink RJ45 ports.

Supports three working modes

- DEFAULT. All ports are free to communicate.
- VLAN. 1~4/8 ports are isolated from each other, but can communicate with uplink ports.
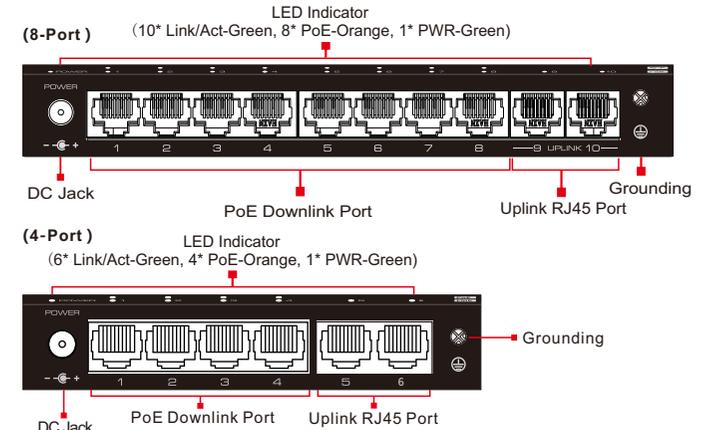- CCTV. The transmission distance can be up to 250m, but the rate is limited to 10Mbps.

Transmission distance: 0~100m (DEFAULT/VLAN mode), 250m (CCTV mode).

⚠ Notice

It is recommended to use the standard Cat5e/6 network cable to reach the optimal transmission distance.

1

■Board Diagram

Front

(8-Port)

LED Indicator
（10* Link/Act-Green, 8* PoE-Orange, 1* PWR-Green)

DC Jack

PoE Downlink Port

Uplink RJ45 Port

Grounding

(4-Port)

LED Indicator
（6* Link/Act-Green, 4* PoE-Orange, 1* PWR-Green)

Grounding

DC Jack

PoE Downlink Port

Uplink RJ45 Port

Rear

(8-Port)

CCTV
VLAN
DEFAULT

DIP Switch

(4-Port)

CCTV
VLAN
DEFAULT

DIP Switch

⚠ Notice

The equipment must be anti-th under ground connected, otherwise the equipment protection will be greatly reduced, please use 20AWG or thicker wire to connect grounding terminal to the ground.

■Installation Steps

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

- PoE Switch   1pcs
- Power Adapter   1pcs
- AC Power Cable   1pcs
- User Manual   1pcs

■Please follow installation steps as below

1) Please turn off the signal source and the device's power, installing with power on may damage the device.
2) Use network cables to connect IP cameras with the product's 1~4/8 RJ45 Ethernet ports.
3) Use another network cable to connect switch's UPLINK port with NVR or computer.
4) Connect switch with power adapter.
5) Make sure the installation is correct, no damage for the device , and all the connections are reliable, then power up the system.
6) Make sure the power supply of every network device works normally.

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■ Specifications

Products	4*10/100Mbps PoE+ 2*10/100Mbps Uplink Switch	8*10/100Mbps PoE+ 2*10/100Mbps Uplink Switch
Ethernet Ports	4*10/100Base-TX (PoE)	8*10/100Base-TX (PoE)
	2*10/100Base-TX Ethernet Ports	
Standards	IEEE 802.3, IEEE802.3u, IEEE 802.3x, IEEE802.3af, IEEE802.3at	
Switching Capacity	1.2Gbps	2.0Gbps
Packet Forwarding Rate	0.89Mpps	1.49Mpps
Forwarding Modes	Store and Forward	
MAC Table	1k	
Three Working Modes	DEFAULT. All ports are free to communicate.	
	VLAN. 1~4/8 ports are isolated from each other, but can communicate with uplink ports.	
	CCTV. The transmission distance can be up to 250m, but the rate is limited to 10Mbps.	
PoE Pin Assignment	1/2 (+), 3/6 (-)	
PoE Power Output	Single port≤30W (DC 54V) Total PoE budget ≤60W	Single port≤30W (DC 54V) Total PoE budget ≤120W
Surge Immunity	4kV, Standards IEC61000-4-5	
ESD Protection	6kV contact discharge/8kV air discharge. Standards IEC61000-4-2	
Input Voltage	DC 54V 1.11A	DC 54V 2.20A
Power Consumption	< 4W	
Operating Temperature	0℃~40℃	
Storage Temperature	-40℃~70℃	
Operating Humidity	5%~95% (no condensation)	
Dimensions (W*D*H)	122mm * 92mm * 25mm	180mm * 92mm * 25mm
Gross Weight	564. 0g	938. 5g
Net Weight	216.6g	295.2g
Certifications	CE, FCC, RoHS	

Products are subject to change without prior notice

■ After-service（Please cut the warranty card along the dotted line）

Warranty Card

Customer Name	
Address	
Tel.	
Model No. Serial No.	
Purchase Date	

Maintenance Record

Maintenance Company		
Fault Phenomenon		
Cause & Solution		
Maintenance Date		Inspection Date
Handled By		
Maintenance Company		
Fault Phenomenon		
Cause & Solution		
Maintenance Date		Inspection Date
Handled By		