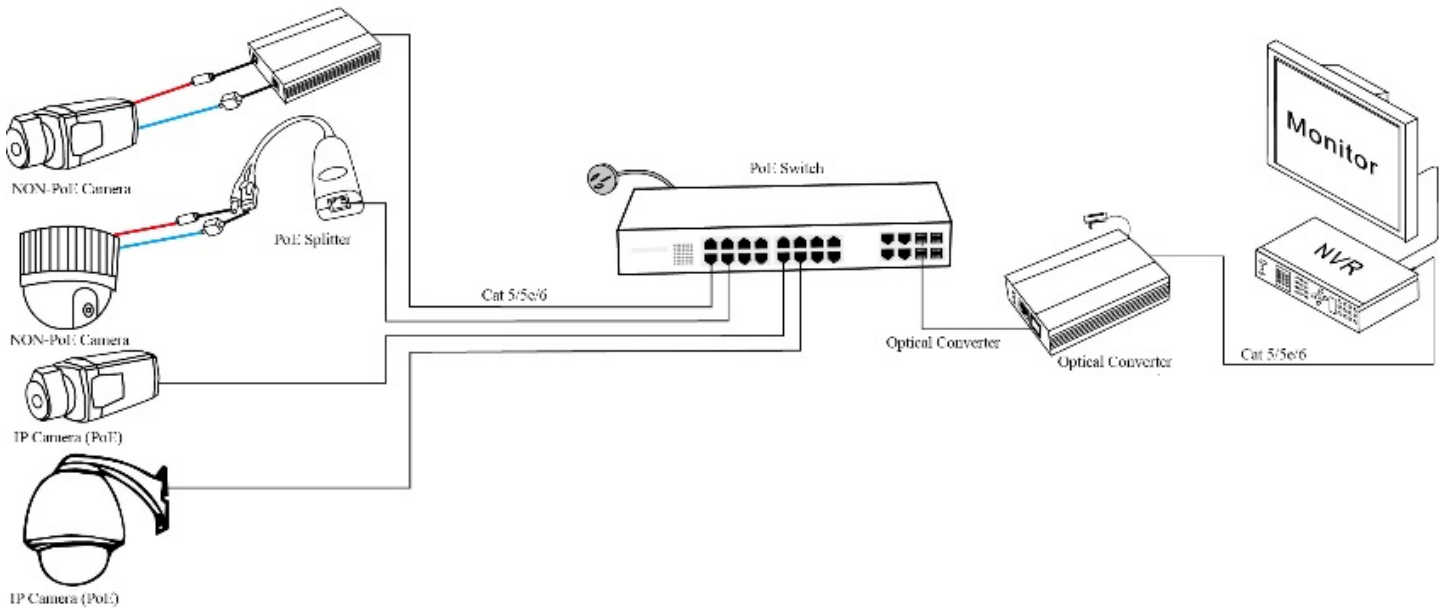❖ **Overview**

PoE Switch

NT-2916T4GC series is Ethernet switch with POE function, is dedicated to the application of video monitoring system and network engineering and design, to provide 16 fast Ethernet ports and 4 COMBO ports (Gigabit UPLINK port：fiber and Ethernet port is optional).

It provides 16 fast Ethernet adaptive RJ45 port, each RJ45 ports support MDI, MDIX automatic turning and line speed forwarding function, and is compatible with IEEE802.3af/at PoE standard, one of the highest output power is 30W。

Features

✧ 16x 10/100Mbps downlink PoE Ethernet Ports, 4x 10/100/1000Mbps uplink Ethernet Ports ,or 4x1000Mbps uplink SFP Ports ,or 4x 1000M Gigabit Ethernet COMBO ports
✧ IEEE 802.3, IEEE 802.3u, IEEE802.3ab, IEEE802.3x, IEEE802.3z, IEEE802.3af/at standard
✧ Supports port auto-flip (Auto MDI/ MDIX)
✧ Each of 16 ports all support IEEE802.3af/at
✧ Maximum power per port: 30W

- ✧ Maximum PoE power: 300W (Port 1 to Port 16)
- ✧ Adopts store-and-forward architecture
- ✧ Built-in 1U rack power supply series, easy installation

❖ **Specifications**

Item		Description
Power	Power Adapter Voltage	90-260VAC
	Consumption	300W
Network Connector	Network Port	1～16 port:10/100Mbps POE Ethernet port 4X Uplink COMBO port:10/100/1000Mbps Ethernet port or 1000Mbps SFP port
	Transmission Distance	1～16 port: 100m Uplink port: 100m for 10/100/1000Mbps Ethernet port SFP: depends on the optical module
	Transmission Medium	Cat5/5e/6 standard network cable
Network Switch	Network Standard	IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX, IEEE802.3ab 1000BASE-TX; IEEE802.3z 1000-SX/LX; IEEE802.3x flow control IEEE802.3af/at　POE
	System switching bandwidth	12.8G
	Packet forwarding rate	8.3M
	Maximum Frame Size	16K Bytes
	Packet buffer	4M
	MAC address list	16K
Power Over Ethernet	PoE Standard	IEEE 802.3af/at
	PoE Power Supply Type	End-Span(1/2+;3/6-)
	PoE Power Consumption	af≤15.4W, at≤30W　(Each port)
	PoE Ethernet LED Indicator	Power: 1 green light indicates that the power normal work; POE: 16 green lights indicate that the POE is power on; Ethernet: 20 green lights indicate that the Ethernet Link, Ethernet: 20 green lights indicate that the Ethernet speed.

Environmental	Working temperature	-25℃~70℃
	Relative Humidity	20~95%
	Storage temperature	-40℃~80℃
Mechanical	Dimension (L×W×H)	440mm*280mm*44mm
	Material	IRON
	Color	
	Weight	4200g
Stability	MTBF	>30000h

Instruction:

1. Front board have 24 ports, Pro8vide 16x 10/100Mbps downlink PoE Ethernet Ports, 4x 10/100/1000Mbps uplink Ethernet Ports, or 4x 1000Mbps uplink SFP Ports; or 4x 1000M Gigabit Ethernet COMBO ports

2. LED Indicator State:

Power: 1 green light indicates that the power normal work;

POE: 16 green lights indicate that the POE is power on(Under the RJ45 socket) ;

Ethernet: 20 green lights indicate that the Ethernet Link and Act

Ethernet: 20 green lights indicate that the Ethernet speed.

Installation step

Please check below device and accessories before installation, if there are missing, please contact with your supplier.

1.   PoE Switch   1PCS
2.   User Manual   1PCS

◆ Please turn off the signal source and the device's power before installing, installation with power on may damage the device;

◆ Use 16 network cables to connect 16 IP cameras with Ethernet switch's 1~16 PoE port;

◆ Use network cable to connect Ethernet switch's UPLINK port with NVR or Other Device;

◆ Connect Ethernet switch with power adapter;

◆ Check if the installation is correct and device is good, make sure all the connection is reliable and power for the system;

◆ Make sure every network device has power supply and work normally.

❖ **Order information**

Model	Description
NT-2916T4GC-AT16	Fast Ethernet PoE Switch, (16) 10/100Mbps downlink PoE Ethernet Ports, (4) 10/100/1000Mbps uplink Ethernet Ports, or (4) 1000Mbps uplink SFP Ports, POE output IEEE802.3af standard,300W