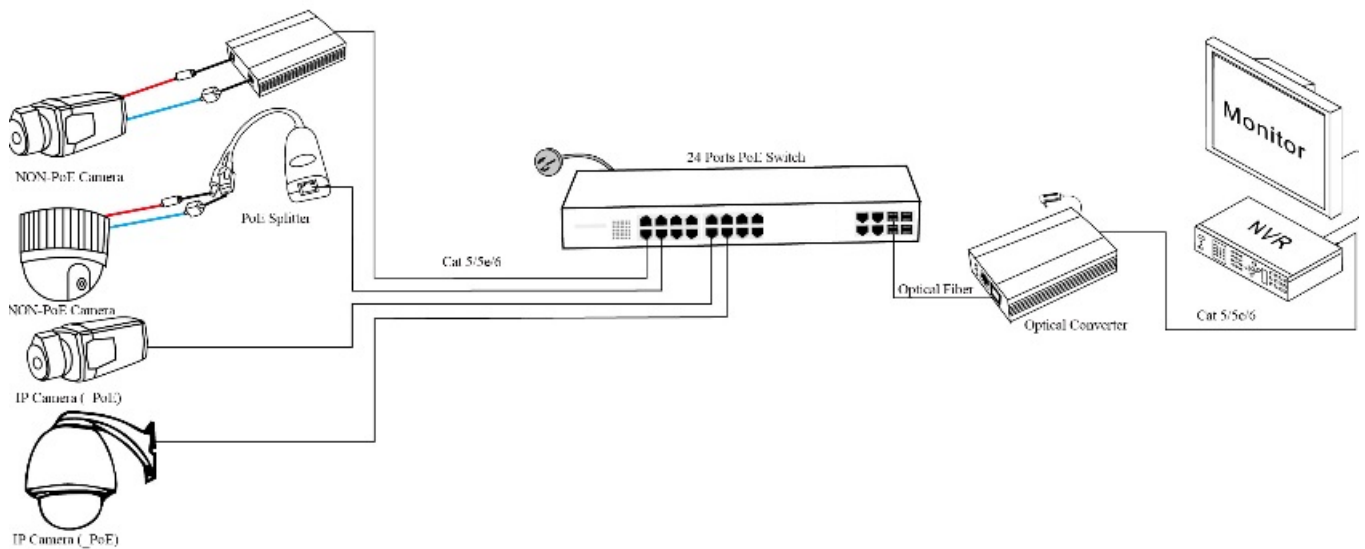


## Overview

### PoE Splitter



NT-29G16T4GC series is Gigabit Ethernet switch with POE function, is dedicated to the application of video monitoring system and network engineering and design, to provide 16 Gigabit Ethernet ports and 4 COMBO ports (Gigabit UPLINK port: fiber and Ethernet port is optional).

It provides 16 10/100/1000Mbps 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:

- ✧ Provide 16 Gigabit Ethernet ports and 4 Gigabit Combo ports (fiber optical port and Ethernet port are optional).
- ✧ Compatible with IEEE 802.3, IEEE 802.3u standard, IEEE802.3ab, IEEE802.3x, IEEE802.3z standard.
- ✧ Support End-Span method, complies with IEEE802.3 af/at standards, can supply max 30W power which is possible to power high-power infrared cameras.
- ✧ Restart function helps master IC reset wholly. Easy for users to solve network failure without swapping power supply; Easy to maintain system; Help monitoring pictures recover quickly.
- ✧ Excellent lightning protection, lightning capacity up to 4KV.
- ✧ Built-in 1U rack power supply series, easy installation



# Gigabit Ethernet PoE Switch NT-29G16T4GC series

## ❖ Specifications

Item		Description
<b>Power</b>	Power Adapter Voltage	90-260VAC
	Consumption	300W
<b>Network Connector</b>	Network Port	1~16 port:10/100/1000Mbps POE Ethernet port
		Uplink port: 10/100/1000Mbps Ethernet port
		Uplink Port: 10/100/1000Mbps Ethernet port or 1000Mbps SFP Port
	Transmission Distance	1~16 port: 100m Uplink port: 100m SFP: depends on the optical module
	Transmission Medium	Cat5/5e/6 standard network cable
<b>Network Switch</b>	Network Standard	IEEE802.3/10BASE-T,IEEE802.3u/100BASE-TX, IEEE802.3ab/1000BASE-TX; IEEE802.3z 1000-SX/LX; IEEE802.3x
	Switching form	Store-and- forward
	System switching bandwidth	56G
	Packet forwarding rate	29.8M
	Maximum Frame Size	10K Bytes
	Data-Caching Mechanism	4.1M
	MAC address list	8K
<b>Power Over Ethernet</b>	PoE Standard	IEEE 802.3af/at
	PoE Power Supply Type	End-Span(1/2+;3/6-)
	PoE Power Consumption	af≤15.4W 错误!未找到引用源。 , at≤30W (each port)
<b>LED Status Indicator</b>	Power Indicator Light	One power light (Green))
	COMBO port indicator	8 indicator light 25-28port:1000M Link/ACT indicator: Green, Light on when link speed is 1000M ,Blink when transferring data, OFF: No link; 100M Link/ACT indicator: Green, Light on when link speed is 100M , Blink when transferring data, OFF: No link
	POE indicator	16 POE indicator light (green) Under the RJ45 socket
	Network Port Indicator	1000M Link/ACT indicator: green, Light on when link speed is 1000M ,Blink when transferring data, OFF: No link; 100M Link/ACT indicator: green, Light on when link speed is 100M ,Blink when transferring data, OFF: No link
<b>Button/ Switch</b>	Reset Button	One button. Whole machine will restart while press the button.

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<b>Protection level</b>	Surge Immunity	Level 3 executive standard:IEC61000-4-5
	Whole unit Electrostatic Protection	Level 3 Executive standard:IEC61000-4-2
<b>Environmental</b>	Working temperature	0°C~55°C
	Relative Humidity	0~95%
	Storage temperature	-40°C~70°C
<b>Mechanical</b>	Dimension (LxWxH)	440mm*280mm*44mm
	Material	IRON
	Color	
	Weight	4750g
<b>Stability</b>	MTBF	>30000h



#### Instruction:

1. Front board have 24 ports, Provide 16x 10/100/1000Mbps downlink PoE Ethernet Ports, 2x 10/100/1000Mbps uplink Ethernet Ports and 2x1000Mbps uplink SFP Ports, or 4x 10/100/1000Mbps uplink 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;

Ethernet: 20 green lights indicate 10/100M Ethernet link and speed;

Ethernet: 20 green lights indicate 10/100M/1000M Ethernet link and 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;
- ◆ Check if the installation is correct and device is good, make sure all the connection is reliable and power for the system;
- ◆ Connect the power outlet and the switch with the power cord.
- ◆ Make sure every network device has power supply and work normally.

**Order information**

Model	Description
NT-29G16T4GC-AF16	Gigabit Ethernet PoE Switch, (16) 10/100/1000Mbps downlink PoE Ethernet Ports, (4) 10/100/1000Mbps uplink Ethernet Ports, or (4) 1000Mbps uplink SFP Ports, POE output IEEE802.3af standard,300W