PoE Switch Quick Installation Guide

1. Quick Reference

POE08AT

601 (PoE)

405 (PoE)
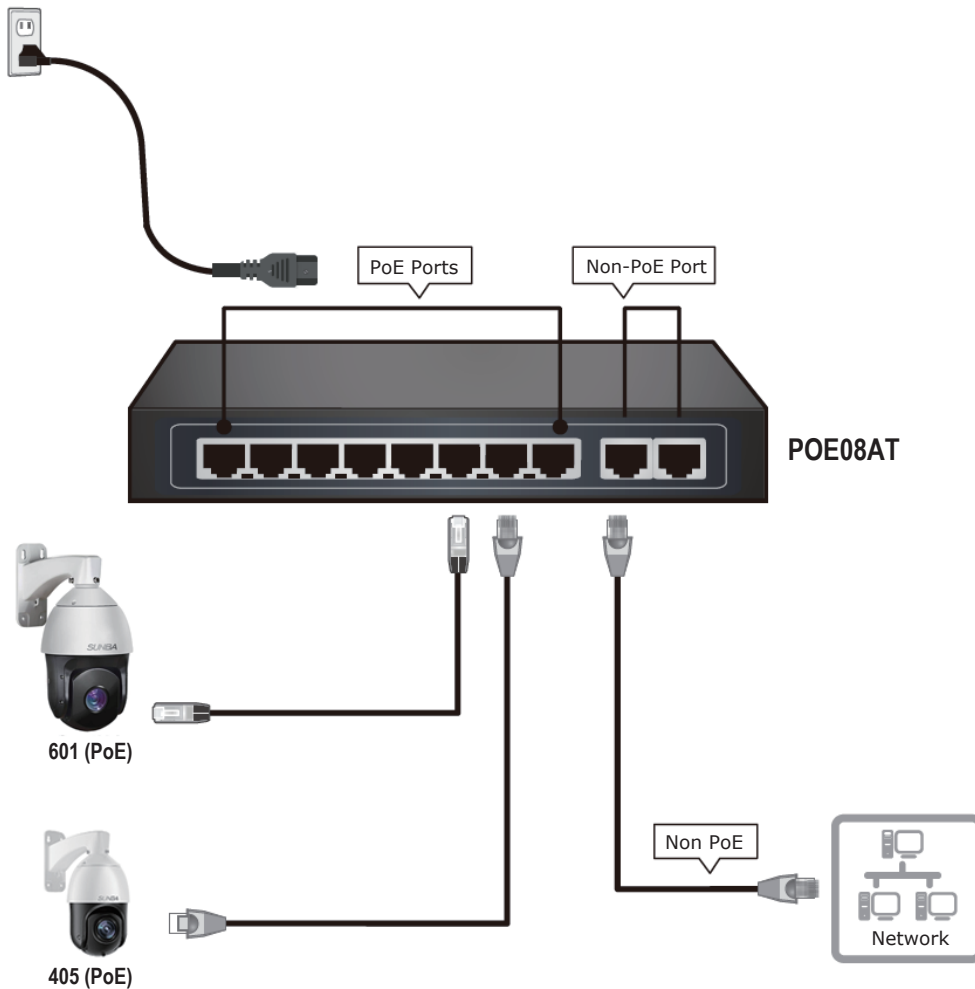
LED INDICATOR

LED	Port Indicators	Description
Power	Green (Solid)	Device powered on
	Off	Device powered off
PoE	Amber (Solid)	A PoE device is connected
	Off	No PoE device is connected or the device is turned off
LINK/ACT	Green (Solid)	Connected (No data transmission)
	Green (Blinking)	Transmitting/receiving data
	Off	No device is connected or the device is turned off

Note : The maximum amount of PoE power available is 30 Watts per port . If a power overload occurs, the switch will distribute power on a first-come, first-served basis until reaching its power budget.

2. Specification

Model	POE08AT	POE24AT
100M POE Port	8	16
100M Non-POE Port	0	8
Uplink Port	2 x 100M	2 x 1000M
Switching Mode	Store-and-forward	
Bandwidth	2 Gbps	20Gbps
Address Table	1K Mac, self-learning	8K Mac, self-learning
Environment	Working Temperature: -0℃~40℃ Storage temperature: -40℃~70℃	
	Working Humidity： 10%~90% RH non-condensing Storage Humidity： 5%~90% RH non-condensing	
POE Standard	IEEE802.3af/at (auto-identification)	
Pin Assignment	1,2 (+) 3,6 (-) or 4,5 (+), 7,8 (-)	
Maximum PoE Power	30W per port	
Total Power Budget	120W	500W
Power Input	AC 100-240V 50/60HZ	AC 100-240V 50/60HZ
Network Standard	IEEE 802.3 IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3af/at IEEE 802.3x IEEE 802.1q	IEEE 802.3 IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3af/at IEEE 802.3x IEEE 802.1q VLAN
System Mode	Default, VLAN, Super	Default, VLAN, Super
Transmission Speed	Ethernet 10Mbps half-duplex, 20Mbps full-duplex (auto-negotiating) Ethernet 100Mbps half-duplex, 200Mbps full-duplex (auto-negotiating)	
Network Media	10Base-T: Pair 2 Category 3 UTP/STP(≤150m) or better 100Base-TX: Pair 2 Category 5 UTP/STP(≤150m) or better	
Product specifications	Product Size: 210mm*150mm*32mm（L*W*H） Weight : 1.2kg	Product Size: 440mm*290mm*47mm（L*W*H） Weight : 3.9kg

PoE Mode

Mode	Function	Explanation
N = Default	Standard	All ports free communication, suitable for common data transmission environment.
V = VLAN	Port Isolation	In this mode, the 8 POE ports are isolated from each other, and can only communicate with uplink ports. This will effectively reduce chances of network security attacks.
S = Super	Enhanced Supply	Optimize the distance for POE transmission up to 250m by limiting the downward bandwidth.