

# GENATA AI PoE SWITCH



## KEY FEATURES :

1. Using CAT.5 network patch cords support power for the wireless AP/CPE and IP camera/PTZ
2. Networking standard: IEEE802.3af/at/bt
3. POE power light blinks to determine the power status of the receiving end, and each blink is 2.7 watts.
4. PoE Watchdog AI Function: Detection front-end PoE cameras and PD, Automatic detection, Automatic restart
5. Support 60W PoE receiving power, free of power adapter & simplify power supply
6. 6KV lightning protection, 8KV surge protection, anti-reverse connection, over-current protection, over-voltage protection, over-temperature protection, Short circuit protection
7. The Max output power of the port is 60W, which is convenient for hi-power equipment
8. Zero configuration feature power supply is automatically supplied to the adaptive equipment

## WATCHDOG

Auto-detect and restart IP camera timely if the camera is halted.



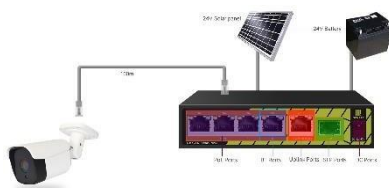
## 6KV LIGHTNING 8KV ESD



Reaching 6KV lightning and 8KV Static electricity protection, the PoE ports owns the capacity to keep the PoE Switch from lightning strikes and other electrical surges, offering reliable performance even in some harsh environments.

## SUPPLY 60W HIGH POWER

60W high-power port to meet the needs of more and more high-power powered devices



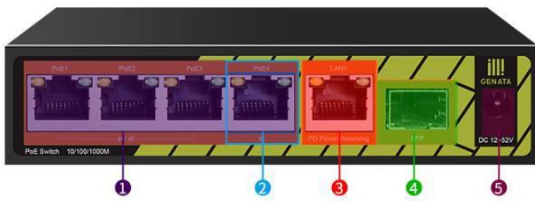
## POWERED BY PoE (PD FEATURE)

The LAN1 port is powered by PoE and provides power for four downlink ports (60W); free of power adapter & simplify power supply; play a role of Ethernet extender.

## SPECIFICATIONS :

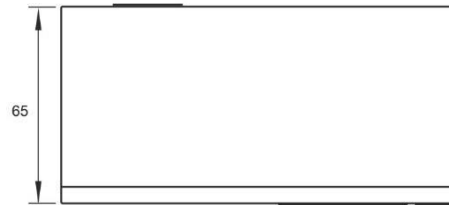
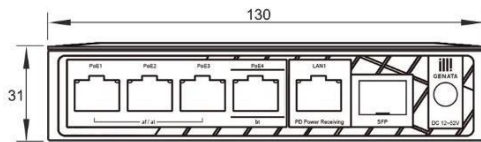
Model	GNT- P1006G6
Ports	4X10/100/1000Mbps PoE ports (RJ45) 1X10/1000Mbps uplink port (RJ45) 1X10/1000Mbps SFP
Transmission Rate	2000Mbps Full Duplex; 10 or 100 or 1000Mbps Half Duplex
Transmission Distance	0-130m
Performance Specification	Bandwidth: 12.0Gbps
	Network Latency (10 to 1000Mbps): $\leq 16\mu s$ (use the 64byte package size)
	MAC address table: 8K
	The Frame Filter & Transmission Rate: 14800pps the most for 10M port, 148800pps the most for 100M port, 1488000pps the most for 1000M port
Networking Standard	IEEE 802.3i 10BASE-T
	IEEE 802.3u 100BASE-TX/ IEEE 802.3ab 1000BASE-T
	IEEE 802.3xFlowControl
	IEEE 802.3af/at/bt Power over Ethernet
Power Support	Power input: DC 48V; PoE powered by Total $\leq 60W$ PoE Watchdog: Port 1~4 Power output: PoE1~3Port: 1/2(+52V), 3/6(GND) $\leq 30W$ <span style="color: blue;">PoE 4 Port: 1245(+53V), 3678(GND) compatible 1/2(+52V), 3/6(GND)<math>\leq 60W</math></span>
Protection Level	Lightning Protection: 6KV, Per: IEC61000-4-5 ESD Protection: 8KV, Per: IEC61000-4-2
Physical Specifications	Size(L*W*H) : 130mm*65mm*31mm
Working Environment	Operating Temperature: -30 $^{\circ}C$ ~60 $^{\circ}C$
	Storage Temperature: -40 $^{\circ}C$ ~70 $^{\circ}C$
	Operating Humidity: 10%~90% non-condensing
	Storage Humidity: 5%~90% non-condensing
Electromagnetic Compatibility	CE mark
	FCCPart15, Class B
	VCCI ClassBEN55022 (CISPR 22)
	C-Tick
Warranty	Whole machine: 1 year
Package Content	Installation Manual

## Port Description



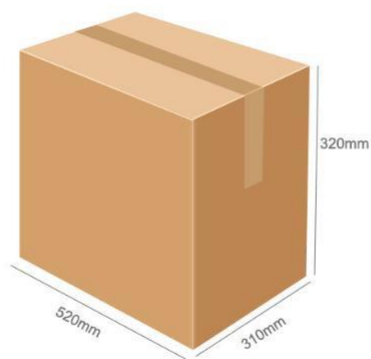
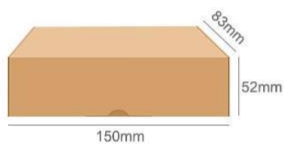
- 1 -1000Mbps PoE Ports      2 -1000Mbps 60W power supply Ports
- 3 -1000Mbps Uplink Ports 60W PD Power Receiving
- 4 -1000Mbps SFP Ports      5 -DC Ports

## Structure Diagrams



Units:mm

## Size & Packing



48Pcs/ Case

# Product Installation



# Typical Applications

