



# AI PoE SWITCH



## KEY FEATURE:

- 1.Using CAT.5 network patch cords support power for the wireless AP and IP camera
- 2.Networking standard: IEEE802.3af/at/bt
- 3.FE ports can support 250 meters long distance transmission automatically.
- 4.PoE Watchdog AI Function: Detection front-end PoE cameras and PD, Automatic detection, Automatic restart
- 5.Upload port automatic flip (Auto MDI / MDIX)
- 6.6KV lightning protection,8KV surge protection, anti-reverse connection, over-current protection, over-voltage protection,over-temperature protection, Short circuit protection
- 7.The port power is 60 watts, it is convenient for high-power device
- 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.

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## SUPPLY 60W HIGH POWER

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



## Adaptive 250m Transmission

When  $130m \leq L \leq 250m$ , the PoE switch will auto-adapt And set 10Mbps transmission.

When  $L < 130m$  he PoE switch will auto-adapt And set 100Mbps transmission



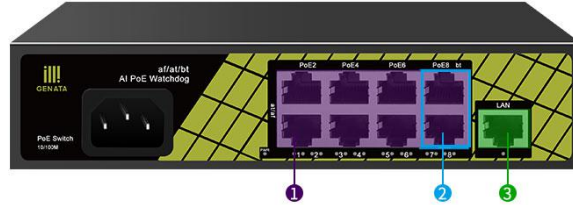


## SPECIFICATIONS:

Model	GNT-P9109EA
Ports	<p>PoE (1~6):10/100Mbps PoE ports (RJ45)</p> <p>PoE (7~8):10/100Mbps PoE ports,BT port, Compatible uplink ports (RJ45)</p> <p>LAN:10/100Mbps uplink ports (RJ45)</p>
Transmission Rate	200Mbps Full Duplex; 10 or 100Mbps Half Duplex
Transmission Distance	100Mbps /10Mbps Adaptive MAX 250m
Performance Specification	Bandwidth: 1.8Gbps
	Network Latency (10 to 100Mbps): $\leq 16\mu s$ (use the 64byte package size)
	MAC address table: 2K
	The Frame Filter & Transmission Rate: 14800pps the most for 10M port, 148800pps the most for 100M port
Networking Standard	IEEE 802.3i 10BASE-T
	IEEE 802.3u 100BASE-TX
	IEEE 802.3xFlowControl
	IEEE 802.3af/at/bt Power over Ethernet
Power Support	Power input: AC 180~240V Totals $\leq 120W$
	PoE Watchdog: Port 1-8
	Power output: PoE1~6Port:1/2(+52V),3/6(GND) $\leq 30W$ PoE7~8Port:1245(+53V),3678(GND) compatible1/2(+52V),3/6(GND) $\leq 60W$
Protection Level	Lightning Protection:6KV, Per: IEC61000-4-5
	ESD Protection:8KV, Per: IEC61000-4-2
Physical Specifications	Size(L*W*H): 187mm*139mm*43mm
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	2 years
Package Content	AC Power Cable、Installation Manual

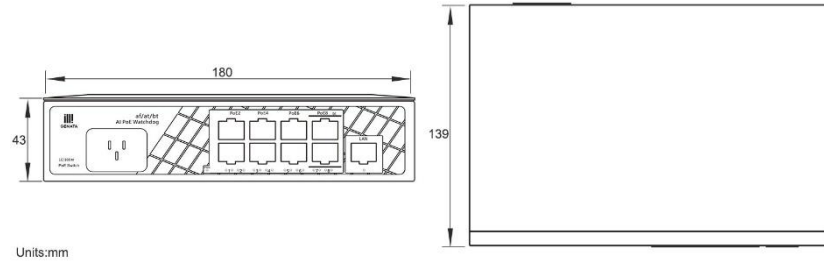


## Port Description

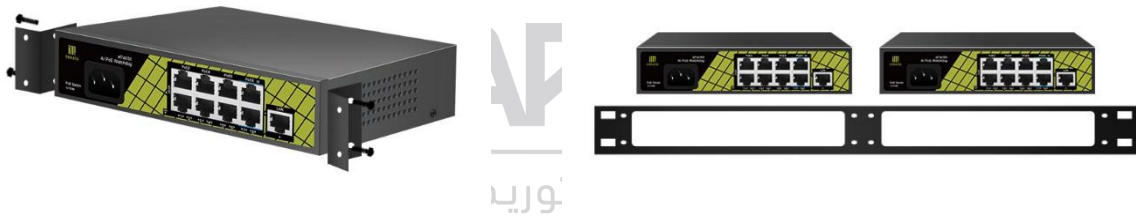


- ❶ -100Mbps PoE Ports
- ❷ -100Mbps 60W power supply Ports
- ❸ -100Mbps Uplink Port

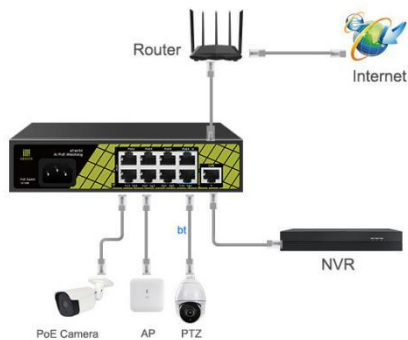
## Structure Diagrams



## Product Installation



## Typical Applications



## Packaging information

