GENATA

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.

## SUPPLY 60W HIGH POWER

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

## Adaptive 250m Transmission

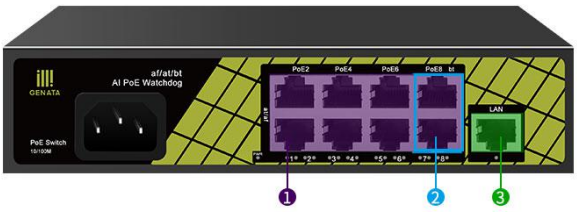
When 130m≤L≤250m,the PoE switch will auto-adapt And set 10Mbps transmission.

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

## SPECIFICATIONS:

| Model | GNT-P9109EA |
|---|---|
| Ports | PoE (1~6):10/100Mbps PoE ports (RJ45)<br>PoE (7~8):10/100Mbps PoE ports,BT port, Compatible uplink ports (RJ45)<br>LAN:10/100Mbps uplink ports (RJ45) |
| 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): ≦16μs (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 Total≤120W<br>PoE Watchdog: Port 1-8<br>Power output: PoE1~6Port:1/2(+52V),3/6(GND)≤30W<br>PoE7~8Port:1245(+53V),3678(GND) compatible1/2(+52V),3/6(GND)≤60W |
| Protection Level | Lightning Protection:6KV, Per: IEC61000-4-5<br>ESD Protection:8KV, Per: IEC61000-4-2 |
| Physical Specifications | Size(L*W*H)：187mm*139mm*43mm |
| Working Environment | Operating Temperature: -30℃ ~60℃ |
| | Storage Temperature: -40℃ ~70℃ |
| | 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 |

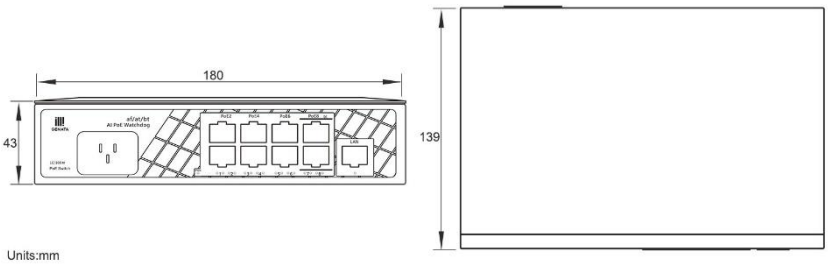
## Port Description




1 -100Mbps PoE Ports 2 -100Mbps 60W power supply Ports

3 -100Mbps Uplink Port

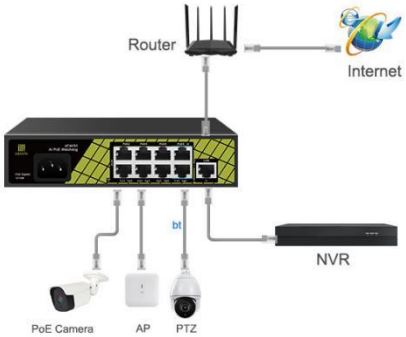
## Structure Diagrams



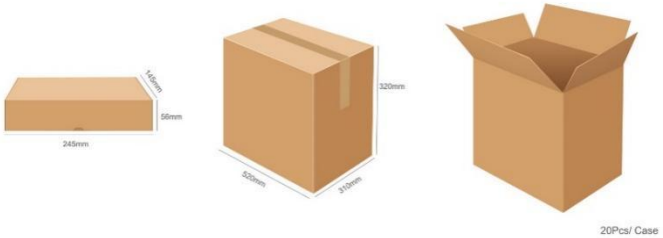

Units:mm

## Product Installation

## Typical Applications




## Packaging information




20Pcs/ Case