

## 2.5G AI PoE Switch

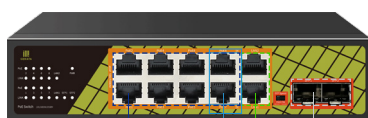
### GNT-ES12GDH2-P (Old Model: GNT-P1412G6)

- Total 120W Power Supply
- 8 ports PoE
- 2 ports Uplink
- 2 ports SFP (1G/2.5G)

### Product Features

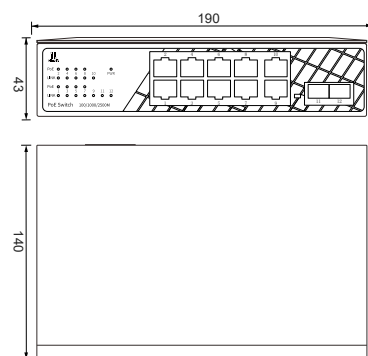
- AI Watchdog Function
- 6KV Lightning & 8KV ESD Protection
- Support bt 60W High Power

### Ports Description

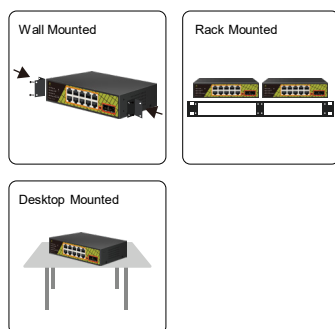


- ① 1000Mbps PoE Ports
- ② bt 60W Power Ports
- ③ 1000Mbps Uplink Ports
- ④ 1000/2500Mbps SFP Port

### Dimension (mm)



### Installation Diagram



### Specifications

|                           |                                                                                                                                                                                                           |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                     | GNT-ES12GDH2-P (Old Model: GNT-P1412G6)                                                                                                                                                                   |
| Ports                     | PoE (1~6):10/100/1000Mbps PoE ports (RJ45)<br>PoE (7~8):10/100/1000Mbps PoE ports (RJ45),Support bt 60W High Power<br>LAN(1~2):10/100/1000Mbps uplink ports (RJ45)<br>SFP(1~2):1G/2.5G SFP ports          |
| Transmission Rate         | 2000Mbps Full Duplex; 10 or 100 or 1000 Mbps Half Duplex                                                                                                                                                  |
| Transmission Distance     | 130m                                                                                                                                                                                                      |
| Performance Specification | Bandwidth:30Gbps                                                                                                                                                                                          |
|                           | Network Latency (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 802.3x Flow Control                                                                                                                                                                                  |
|                           | IEEE 802.3af/at/bt Power over Ethernet                                                                                                                                                                    |
| Power Support             | Power Input: AC 90~240V Total $\leq 120W$<br>AI Watchdog: Port 1~8<br>Power Output: PoE1~6 Port:1/2(+52V),3/6(GND) $\leq 30W$<br>PoE7~8 Port:1245(+52V),3678(GND) Compatible1/2(+52V),3/6(GND) $\leq 60W$ |
| Protection Level          | Lightning Protection:6KV<br>ESD Protection:8KV                                                                                                                                                            |
| Physical Specifications   | Size(L*W*H): 190mm*140mm*43mm, Weight: 1.03KG                                                                                                                                                             |
| Working Environment       | Operating Temperature: -30°C~60°C                                                                                                                                                                         |
|                           | Storage Temperature: -40°C~70°C                                                                                                                                                                           |
|                           | Operating Humidity: 10%~90% Non-condensing                                                                                                                                                                |
|                           | Storage Humidity: 5%~90% Non-condensing                                                                                                                                                                   |
| Certification             | CE                                                                                                                                                                                                        |
|                           | FCC                                                                                                                                                                                                       |
|                           | RoHS 2.0                                                                                                                                                                                                  |
| Warranty                  | Whole Device: 1 year                                                                                                                                                                                      |
| Package Content           | AC Power Cable,User Manual                                                                                                                                                                                |