

# AI PoE Switch

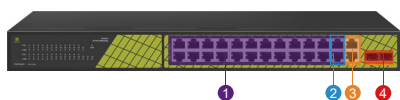
## GNT-RP1428ES

- Total 300W Power Supply
- 24 ports PoE
- 2 ports Uplink
- 2 ports SFP

## Product Features

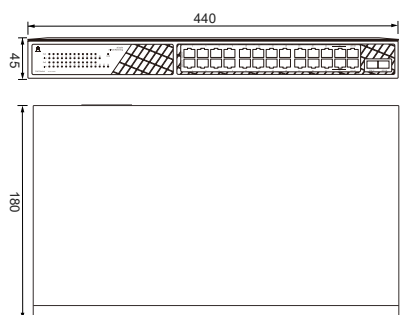
- AI Watchdog Function
- 6KV Lightning & 8KV ESD Protection
- Support bt 60W High Power

## Ports Description

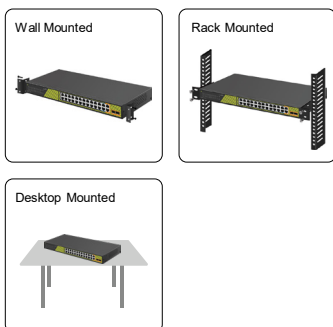


- 1 100Mbps PoE Ports
- 2 bt 60W Power Ports
- 3 1000Mbps Uplink Ports
- 4 1000Mbps SFP Ports

## Dimension (mm)



## Installation Diagram



## Specifications

|                           |                                                                                                                                                                                                               |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                     | GNT-RP1428ES                                                                                                                                                                                                  |
| Ports                     | PoE (1~22):10/100Mbps PoE ports (RJ45)<br>PoE (23~24):10/100Mbps PoE ports,Support bt 60W High Power<br>LAN(25~26):10/100/1000Mbps uplink ports (RJ45)<br>SFP(27~28):10/100/1000Mbps SFP port                 |
| Transmission Rate         | 2000Mbps Full Duplex; 10 or 100 or 1000 Mbps Half Duplex                                                                                                                                                      |
| Transmission Distance     | 100Mbps /10Mbps ,Auto-Adaption 250m                                                                                                                                                                           |
| Performance Specification | Bandwidth:12.8Gbps                                                                                                                                                                                            |
|                           | 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 802.3x Flow Control                                                                                                                                                                                      |
|                           | IEEE 802.3af/at/bt Power over Ethernet                                                                                                                                                                        |
| Power Support             | Power Input: AC 90~240V Total $\leq 300W$<br>AI Watchdog: Port 1~24<br>Power Output: PoE1~22 Port:1/2(+52V),3/6(GND) $\leq 30W$<br>PoE23~24 Port:1245(+53V),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): 440mm*180mm*45mm, Weight: 2.65KG                                                                                                                                                                 |
| 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 Mark                                                                                                                                                                                                       |
|                           | FCC Part15,Class B                                                                                                                                                                                            |
|                           | RoHS 2.0                                                                                                                                                                                                      |
| Warranty                  | Whole Device: 1 year                                                                                                                                                                                          |
| Package Content           | AC Power Cable,User Manual                                                                                                                                                                                    |