

# Solar Powered PoE Switch

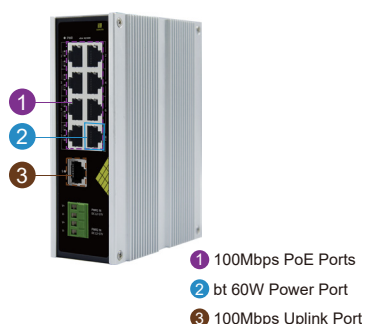
## GNT-IS09EDL-P

- IP40 Protection
- Total 80W power supply
- 8 ports PoE
- 1 port Uplink

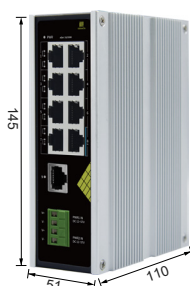
## Product Features

- Wide Voltage Green Energy
- Aluminum shell for better heat dissipation, stable and durable
- For extreme temperature enviroments: -40°C~70°C
- Standard DIN-Rail mounting, fast in installation

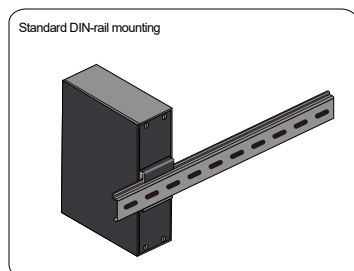
## Ports Description



## Dimension (mm)



## Installation Diagram



## Specifications

|                           |                                                                                                                                                                                                                                                                                                               |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model                     | GNT-IS09EDL-P                                                                                                                                                                                                                                                                                                 |
| Ports                     | PoE (1~7):10/100Mbps PoE ports (RJ45);<br>PoE (8):10/100Mbps PoE ports (RJ45),Support bt 60W High Power;<br>LAN (9):10/100Mbps uplink ports (RJ45);                                                                                                                                                           |
| Transmission Rate         | 10/100Mbps: Full Duplex / Half Duplex                                                                                                                                                                                                                                                                         |
| Transmission Distance     | 100Mbps/10Mbps,Auto-Adaption 250m                                                                                                                                                                                                                                                                             |
| Performance Specification | Bandwidth:1.8Gbps                                                                                                                                                                                                                                                                                             |
|                           | Network Latency (10 to 100Mbps): $\leq 16\mu s$ (use the 64byte package size)                                                                                                                                                                                                                                 |
|                           | MAC address table: 2K                                                                                                                                                                                                                                                                                         |
|                           | Packet forwarding rate: 1.33Mpps                                                                                                                                                                                                                                                                              |
| Networking Standard       | The Frame Filter & Transmission Rate: 14800pps the most for 10M port, 148800pps the most for 100M port;                                                                                                                                                                                                       |
|                           | IEEE 802.3i 10BASE-T                                                                                                                                                                                                                                                                                          |
|                           | IEEE 802.3u 100BASE-TX; IEEE802.3az at 100M Full Duplex                                                                                                                                                                                                                                                       |
|                           | IEEE 802.3x Flow Control                                                                                                                                                                                                                                                                                      |
| Power Support             | IEEE 802.3af/at/bt Power over Ethernet                                                                                                                                                                                                                                                                        |
|                           | Power Input: DC 12~52V Dual Redundancy, Totals $\leq 1.7W$ ; PoE Totals $\leq 80W$<br>Power Output: PoE1~8 Port:1245(+52V),3678(GND)<br>PoE1~7 Port:1/2(+52V),3/6(GND) Compatible 45 (52V) 78(GND) $\leq 30W$ ;<br>PoE8 Port:1/2 45(+52V),3/6 78(GND) $\leq 60W$ ; Compatible1/2(+52V), 3/6(GND) $\leq 30W$ ; |
|                           | Protection Level:IP40,<br>Lightning Protection:6KV<br>ESD Protection:8KV                                                                                                                                                                                                                                      |
|                           | Physical Specifications Size(H*D*W): 145*110*51mm, Weight: 0.55KG/Pcs                                                                                                                                                                                                                                         |
| Package                   | Size(L*W*H): 400*360*300mm(CTN Box); 24Pcs/CTN                                                                                                                                                                                                                                                                |
| Working Environment       | Operating Temperature: -40°C~70°C                                                                                                                                                                                                                                                                             |
|                           | Storage Temperature: -40°C~70°C                                                                                                                                                                                                                                                                               |
|                           | Relative Humidity: 5%~90% Non-condensing                                                                                                                                                                                                                                                                      |
|                           | Heat dissipation mode: Fan-free design                                                                                                                                                                                                                                                                        |
| Certification             | CE                                                                                                                                                                                                                                                                                                            |
|                           | FCC                                                                                                                                                                                                                                                                                                           |
|                           | RoHS 2.0                                                                                                                                                                                                                                                                                                      |
| Warranty                  | Whole Device: 1 year                                                                                                                                                                                                                                                                                          |
| Package Content           | User Manual                                                                                                                                                                                                                                                                                                   |