

## 20 Port Gigabit Ethernet POE Switch



### OVERVIEW

**The switch** has 16\*10/100/1000M RJ45 ports and 2\*1000M uplink 2\*1000M SFP slot ports. Port 1-16 can support IEEE802.3af/at PoE standard. Single-port PoE power reaches 30W, and the max PoE output power is 380W. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, webcam, VoIP, visual intelligent building intercom through network cable, and meet the network environment that needs high-density PoE power supply. It is suitable for hotel, campus, factory dormitory and small and medium-sized enterprises. Unmanaged model, plug and play, no configuration, easy to use.

### FEATURE

#### Full gigabit access, gigabit SFP port uplink

- ◇ Support non-blocking wire-speed forwarding.
- ◇ Support full-duplex based on IEEE802.3x and half-duplex based on Back pressure.
- ◇ Support gigabit Ethernet port and gigabit SFP fiber port combination, which enables users to flexibly build networking to meet the needs of various scenarios.

### Intelligent PoE power supply

- ◇ IEEE802.3af/at PoE standard, without damaging non-PoE devices.
- ◇ Priority system for PoE port, it will supply power to the high priority level port first when the power budget is insufficient and avoid overwork of the device.
- ◇ 16\*10/100/1000Base-T RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.

### Stable and reliable

- ◇ Plug and play, no configuration, simple and convenient.
- ◇ Low power consumption, galvanized steel casing. The Fan active cooling.
- ◇ The user-friendly panel can show the device status through the LED indicator of PWR, Link, PoE.
- ◇ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.

## TECHNICAL SPECIFICATION

| Model                            | ATD-P1622G   |
|----------------------------------|--|
| <b>Interface Characteristics</b> |  |
| Fixed Port                       | 2*1000Base-X uplink SFP ports (Data)<br>16*10/100/1000Base-T PoE ports (Data / Power)  |
| Ethernet Port                    | 10/100/1000Base-T(X) auto-sensing, Full/half duplex MDI/MDI-X self-adaption  |
| Twisted Pair Transmission        | 10BASE-T: Cat3,4,5 UTP(≤100 meter)<br>100BASE-TX: Cat5 or later UTP(≤100 meter)<br>1000BASE-T: Cat5e or later UTP(≤100 meter)                          |
| SFP Slot Port                    | Gigabit SFP optical fiber interface, default no include optical modules (optional single-mode / multi-mode, single fiber / dual fiber optical module). |

|                               |  |
|-------------------------------|--|
|                               | LC)  |
| Optical Cable/ Distance       | Multi-mode: 850nm/ 0-500M, Single-mode:1310nm/0-40KM, 1550nm/ 0-120KM.   |
| <b>Chip Parameter</b>         |  |
| Network Protocol              | IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX/ FXIEEE802.3ab 1000Base-TX, IEEE802.3z 1000Base-X, IEEE802.3x |
| Forwarding Mode               | Store and Forward(Full Wire Speed)   |
| Switching Capacity            | 52Gbps   |
| Forwarding Rate@64byte        | 38.69Mpps  |
| MAC                           | 8K   |
| Buffer Memory                 | 4M   |
| Jumbo Frame                   | 9.6K   |
| LED Indicator                 | Power: PWR (green), network: 1-16/G1-2 (green), PoE: PoE (green)   |
| Reset Switch                  | Yes, One-button factory reset  |
| <b>PoE &amp; Power Supply</b> |  |
| PoE Port                      | Port 1 to 16, IEEE802.3af/at   |
| Power Supply Pin              | Default 1/2 (+) 3/6 (-)  |
| Max Power PerPort             | 30W, IEEE802.3af/at  |
| Total PWR / InputVoltage      | 380W (AC100-240V)  |
| Power Consumption             | Standby: 25W, Full load:380W   |
| Power Supply                  | Built-in power supply, AC 100~240V 50-60Hz 5.0A  |



| <b>Physical Parameter</b>           |  |
|-------------------------------------|--|
| Operation<br>TEMP /Humidity         | -20~+55°C, 5%~90% RH Non condensing                      |
| Storage<br>TEMP /<br>Humidity       | -40~+75°C, 5%~95% RH Non condensing                      |
| Dimension<br>(L*W*H)                | 440*225*44mm   |
| Net /Gross Weight                   | <3.5kg / <4.0kg  |
| Installation                        | Desktop, 19 inch 1U cabinet                              |
| <b>Certification &amp; Warranty</b> |  |
| Lightning<br>Protection             | Lightning protection: 4KV 8/20us; Protection level: IP30 |
| Warranty                            | 1 years, lifelong maintenance.                           |