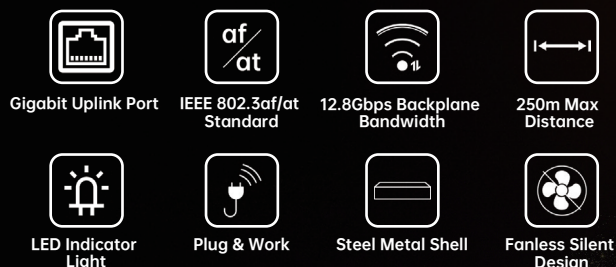


TD-P3316 International Standard PoE Switch



Product Features

- Non-network management model, plug and play, no configuration required, simple and convenient to use.
- Provides 16 * 10/100Base-TX POE ports, 2 * 10/100/1000Base-T uplink RJ45 ports and 1 * 1000Base-X SFP optical port, convenient for users to flexibly network and meet the networking needs of various scenarios.
- 16 * 10/100Base-TX RJ45 ports support PoE power supply, in line with IEEE 802.3af/at PoE power supply standards.
- Long distance extend mode: When turned on, the transmission distance can reach up to 250 meters.
- Low power consumption, fanless silent design, galvanized steel metal shell, excellent heat dissipation, to ensure stable operation of the product.

Product Specifications

Port Characteristics

Fixed Port	16 * 10/100Base-TX POE ports (Data/Power); 2 * 10/100/1000Base-T uplink RJ45 ports (Data); 1 * 1000Base-X SFP optical port slot (Data)
Network Port Characteristics	1-16 ports 10/100Base-TX, 17-18 ports 10/100/1000Base-T(X) automatic detection, full/half duplex MDI/MDI-X adaptive
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meter); 100BASE-TX: Cat5 or later UTP(≤100 meter); 1000BASE-T: Cat5e or later UTP(≤100 meter)
Optical Port Characteristics	Gigabit SFP optical fiber interface, the default is not equipped with optical modules, which need to be purchased separately, (optional order mode/multimode, single fiber/dual fiber optical modules, LC)
Fiber Optic Cable	Multimode - working wavelength: 850nm, transmission distance: 0~500M; Single mode - working wavelength: 1310nm, transmission distance: 0-40KM; working wavelength: 1550nm, transmission distance: 0-120KM.

Chip Parameters

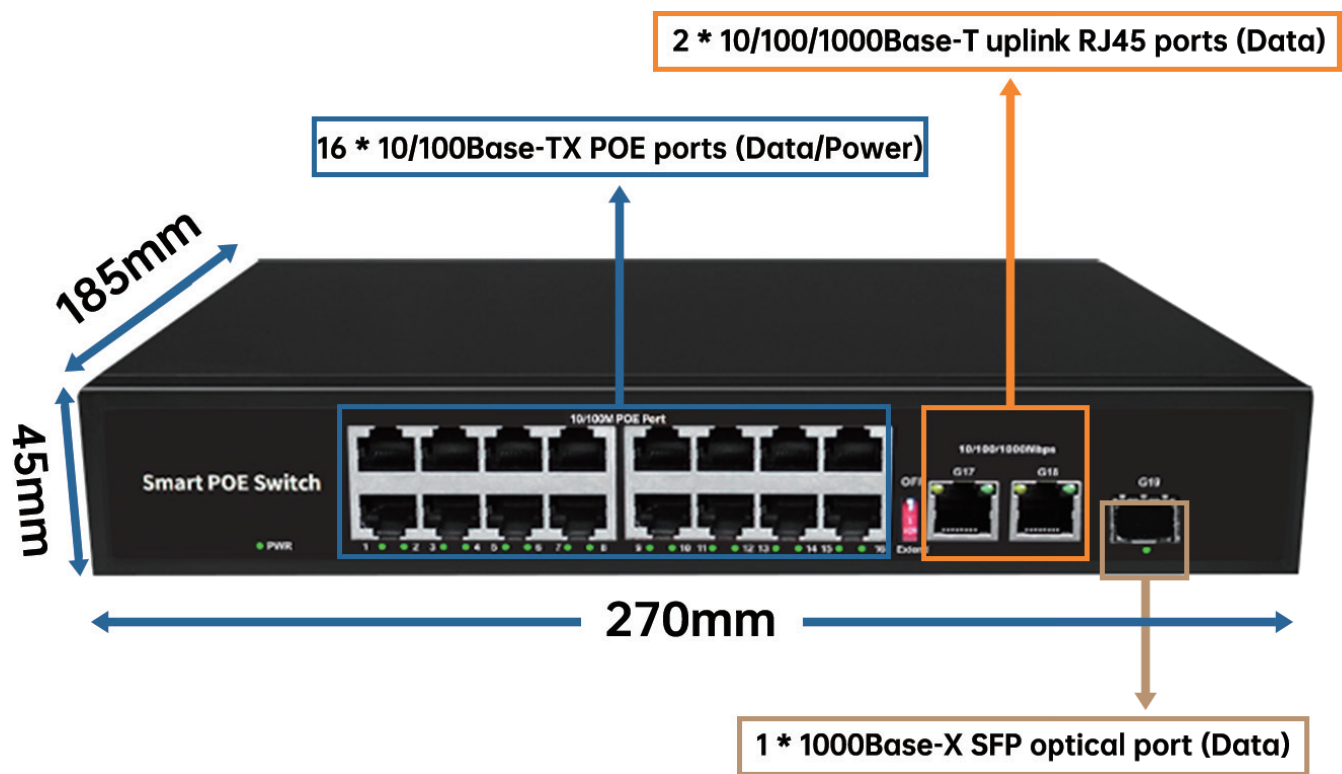
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x
Forwarding Mode	Store-and-forward (full wire speed)
Backplane Bandwidth	12.8Gbps (non-blocking)
Packet Forwarding Rate@64byte	5.36Mpps
MAC Address Table	16K
Packet Forwarding Cache	4M
Jumbo Frame	10K
LED Indicator	Power indicator: PWR (green); Network indicator: Link (yellow); PoE indicator: PoE (green)

PoE and Power Characteristics	
PoE Power Supply Standard	1-16 ports support IEEE802.3af/at standard POE power supply
Power Pin	Default 1/2(+), 3/6(-) 4-core power supply
Maximum/Average Single Port Power	30W, standard IEEE802.3af/at
Total Power/Input Voltage	250W (AC100-240V)
Power Consumption	Standby power consumption: <15W; full load power consumption: <240W
Power Supply	Built-in switching power supply, AC: 100 ~ 240V 50-60Hz 4.1A

Physical Specifications	
Appearance Size (L*W*H)	270*185*45mm
Net/Gross Weight	<1.5kg / <1.7kg
Working Temperature/Humidity	-20 ~ +55°C; 5% ~ 90% RH non-condensing
Storage Temperature/Humidity	-40 ~ +75°C; 5% ~ 95% RH non-condensing
Installation Method	Desktop, wall-mounted, rack-mounted

Product Certification	
Lightning Protection & Protection Level	Port lightning protection: 4KV 8/20us; Protection class: IP30
Certification	CCC, CE, FCC, RoHS

Product Size & Components



Total Power 250W,
Maximum Single Port Power 30W



250W

Extend mode helps to achieve much longer transmission distance,
and solve the problem of poor transmission caused by aging lines.



Extend Mode Off



100m



Extend Mode On



250m



18-Port Gigabit PoE Switch

Unmanaged PoE switch, plug and work,
no configuration required,
simple and convenient to use.

