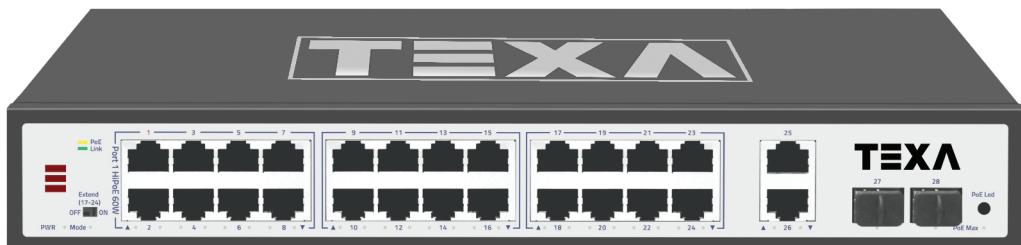# 28-Port Gigabit PoE Switch

(TN3H28PPOE)

PRODUCT HIGHLIGHTS

■ 24*1Gbps PoE ports+2*1Gbps RJ45 ports+2*1Gbps SFP ports

■ Comply with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, and IEEE 802.3x standards

■ Ethernet Ports support 10/100/1000Mbps self-adaptive

■ When the PoE port is in Extend mode, ports 17-24 force 10Mbps to automatically activate the PoE watchdog mode

■ PoE priority is enabled by default, priority order 1-24

■ Flow control method: IEEE 802.3x standard is used for full duplex, and Back pressure standard is used for half duplex

■ The panel indicator LEDs will monitor the working status and assist in fault analysis

■ Port 1 supports HiPoE 60W

HARDWARE FEATURES

Description	Specification
Model	TN3H28PPOE
Interface	24*1Gbps PoE ports
	2*1Gbps RJ45 ports
	2*1Gbps SFP ports
Port Standard	IEEE802.3 (Ethernet) IEEE802.3u (Fast Ethernet) IEEE802.3ab (Gigabit Ethernet) IEEE802.3x (Flow Control) IEEE 802.3z (Gigabit Ethernet Fiber Standard)
Switching Bandwidth	56Gbps
Packet Forwarding Rate	41.644Mpps
Packet Buffer	3Mbit
MAC Address Table	2K
Transmission Method	Store and Forward
PoE Standard	IEEE802.3af (15.4W) IEEE802.3at (30W)
PoE Port Output Voltage	DC 44-57V
PoE Ports	Port 1 supports HiPoE 60W, Ports 2-24 PoE power output <30W
PoE Power Budget	285W
Power Supply	AC 100-240V 50/60Hz
	DC 52V 5.76A
Mainboard Power Consumption	14.27W
Structure Information	Product Dimensions: 320*207*44mm Packaging Dimensions: 370*290*85mm Product Net Weight: 1.967KG Product Gross Weight: 2.497KG
Packing Information	Carton Dimensions : 445*310*390mm Packing Quantity: 5PCS Packing Weight: 13.485KG
Package Contents	Switch 1pcs, Power Cord 1pcs, Manual 1pcs, Certificate of Inspection 1pcs
Fan Quantity	1
Installation	Desktop

HARDWARE FEATURES

Description	Specification
Operating Temperature	0~40°C
Storage Temperature	-40~70°C
Operation Humidity	10%~90%, non condensing
Storage Humidity	5%~95%, non condensing
PWR Green LED	On: Powered on Off: Powered off
Ports 1-28 Green LED	On: 10/100/1000Mbps Link normal Off: Link blocked Flashing: Data transmitting
PoE Yellow LED	On: PoE powered on Off: PoE powered off
PoE Max Green LED	Off: Indicate that the PoE power usage is less than 90% Flashing(Once per second): Indicate that the PoE power usage of 90% ≤ P ≤ 95% On: Indicate that the PoE power is used at 95%<P<100%
Mode Green LED	Off: Extend off Flashing: Extend on
PoE LED Button	Dual color light selection: default green (link data), switch yellow light (PoE)
Extend Mode Button	Off: All ports can communicate with each other, transmission distance is within 100 meters, transmission rate is 10/100/1000Mbps adaptive(PoE Watchdog off) On: When the PoE port is in Extend mode, ports 17-24 force 10Mbps to extend the transmission distance to 250meters, and automatically activate the PoE watchdog mode