UTEPO

16-Port/24-Port Gigabit PoE+ 4-Port Gigabit Combo L2 Managed Ethernet Switch

Overview

The product of this series is 16-Port/24-Port Gigabit PoE+ 4-Port Gigabit Combo (RJ-45/SFP) L2 Managed Ethernet Switch.

This series switches provide 16/24*10/100/1000Mbps Ethernet RJ-45 ports, 4*100/1000Mbps combo（RJ-45/SFP) ports. It meets IEEE 802.3af/at standard. All downlink RJ-45 ports support Power-over-Ethernet (PoE+), which can deliver up to 30W power per port.

The switch has extensive L2 management functions, such as 802.1Q VLAN, ACL, LAG, loop detection and SNMP. It can be easily managed via a WEB GUI, or CLI (telnet/console).It is easy to use, Plug-and-Play, can be widely used in video security monitoring system, network project, etc.

This series contains three types:

• UTP3320TS-PSB-L2: 16-Port Gigabit PoE+ 4-Port Gigabit Combo L2 Managed Ethernet Switch

• UTP3328TS-PSB280-L2, UTP3328TS-PSB-L2: 24-Port Gigabit PoE+ 4-Port Gigabit Combo L2 Managed Ethernet Switch

Features and Highlights

Abundant Interfaces

• UTP3320TS-PSB-L2:

  16*10/100/1000Base-T PoE+ RJ-45(Auto MDI/MDIX) ports

  4*100/1000Mbps Combo (RJ-45/SFP)

  1*RJ-45 Console

• UTP3328TS-PSB280-L2, UTP3328TS-PSB-L2:

  24*10/100/1000Base-T PoE+ RJ-45(Auto MDI/MDIX) ports

  4*100/1000Mbps Combo (RJ-45/SFP)

  1*RJ-45 Console

Easy-to-use

• Plug-and-Play

• Manage via a WEB

Layer 2 Management Function

• 802.1Q VLAN

• ACL

• LAG

• IGMP Snooping

• SNMP

| L2 Managed | 30W PoE+ | 1000M Full | 802.3at End-span 802.3af |

UTP3320TS-PSB-L2

UTP3328TS-PSB-L2
UTP3328TS-PSB280-L2

Specifications

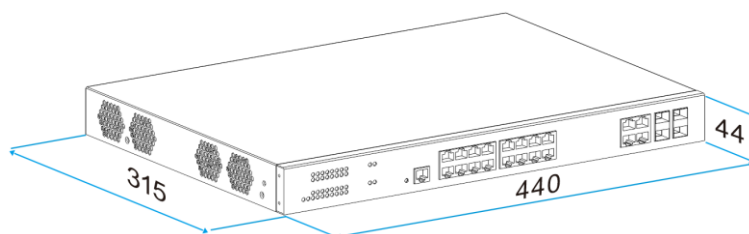| Items	UTP3320TS-PSB-L2	UTP3328TS-PSB280-L2	UTP3328TS-PSB-L2
Hardware Specifications			
Downlink Port	16*10/100/1000Base-T PoE+ RJ-45(Auto-MDI/MDI-X)	24*10/100/1000Base-T PoE+ RJ-45(Auto-MDI/MDI-X)	
Uplink Port	4*1000M Combo (RJ-45/SFP)		
Console port	1*RJ-45		
LED Indicators	1*PWR, power supply indicator		
	1*SYS, system working indicator		
	20*Link, port state indicators	28*Link, port state indicators	
	16*PoE, port PoE state indicators	24*PoE, port PoE state indicators	
Dimensions (W*D*H)	440mm*315mm*44mm		
Input Voltage	100~240V AC, 50~60Hz		
Power Consumption	≤280W (Full load including PoE)		≤450W (Full load including PoE)
Material	Metal shell		
Installation	Rack/Desktop/Wall mounted		
Switch Property			
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3af, IEEE 802.3at		
Forwarding Modes	Store and Forward		
MAC Table	8k, support auto learning		
Switching Capacity	40Gbps/non-blocking	56Gbps/non-blocking	
Packet Forwarding Rate	29.7Mpps	41.6Mpps	
Jumbo Frame	9kB		
Power Supply			
PoE Standard	IEEE 802.3af/at		
PoE Power Supply Type	End-span		
PoE Pin Assignment	1/2(+), 3/6(-)		
PoE Budget	30W max for each port, 250W max for whole switch		30W max for each port, 400W max for whole switch
Reliability			
Operating	0℃~45℃, 10%~90% (Non-condensation)		
Storage	-40℃~70℃, 5%~90% (Non-condensation)		

Software Architecture

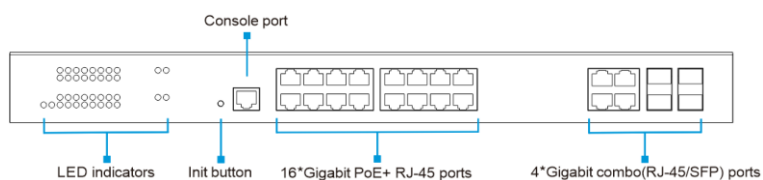| Items	UTP3320TS-PSB-L2, UTP3328TS-PSB280-L2, UTP3328TS-PSB-L2
VLAN	Port-based VLAN, 802.1Q-based VLAN, Protocol-based VLAN, MAC-based VLAN, Multicast-based VLAN
	Access mode, Trunk mode , Hybrid mode
	Max. 4094 VLAN
QinQ	Basic QinQ, Flexible QinQ
	Priority replication and mapping
	MAC address copy
	Layer 2 protocol transparent transmission
LACP	LACP mode, Manual mode
	Each link aggregation group has no less than 8 ports, No less than 8 link aggregation groups per switch
LLDP	Support LLDP
Spanning Tree	STP, RSTP, MSTP
Loopback	Port based, VLAN-based
PoE	Port PoE configuration
	PoE scheduled management
	PD-alive
Storm Control	Broadcast storm control, Multicast Storm Control, Unknown unicast storm control
QoS	Inbound speed limit, Outbound speed limit
	Speed limit based on access control
	CoS-to-DSCP, DSCP-to-CoS, PQ, WRR, SP + WRR
ACL	MAC-based ACL, IPV4-based ACL, IPV6-based ACL, Protocol-based ACL
Security Feature	IP + port, MAC + port, IP + MAC, IP + MAC + port, IP + VLAN, MAC + VLAN, IP + MAC + VLAN, IP + MAC + VLAN + port
	Port maximum MAC address learning control
	DHCP snooping
	IP source guard
Port Isolation	Support port isolation
Port Mirroring	One-to-one mirroring
	Many-to-one mirroring
IGMP Snooping	IGMP snooping V1, V2, V3
Static Routing	Multiple interface VLANs
	IPV4 static routing
IP Protocol	IPV4, IPV6
	SNMP
	Syslog
	Telnet, ssh, http, https
	DHCP server, DHCP client
	AAA
	Radius
	TACACS+

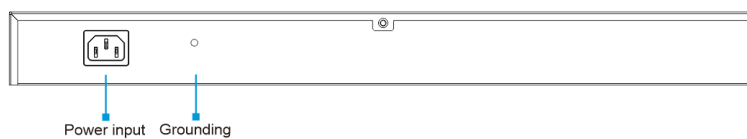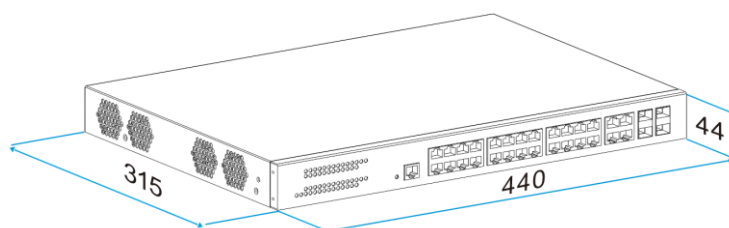# Appearances and Dimensions

UTP3320TS-PSB-L2

Dimensions(mm)

315 440 44

Front panel

Console port

LED indicators | Init button | 16*Gigabit PoE+ RJ-45 ports | 4*Gigabit combo(RJ-45/SFP) ports

Rear panel

Power input   Grounding

UTP3328TS-PSB280-L2, UTP3328TS-PSB-L2

Dimensions(mm)

315 440 44

Front panel

Console port

LED indicators | Init button | 24*Gigabit PoE+ RJ-45 ports | 4*Gigabit combo(RJ-45/SFP) ports

Rear panel

Power input   Grounding
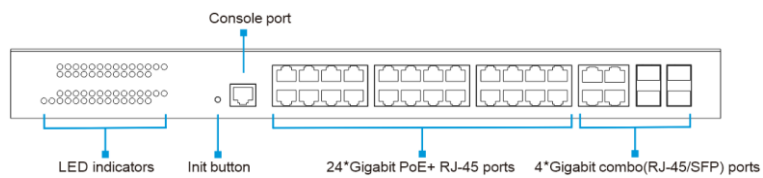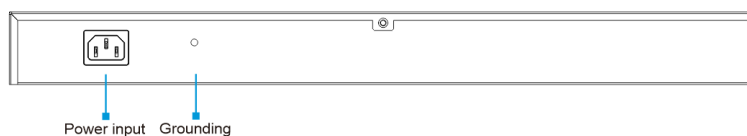
More Information

For more information, please visit:

www.utepo.net