

16 Gigabit PoE Ports Managed Ethernet Switch

16GE PoE+4*GF(SFP)、Fast ring、802.3af/at、 Full Gigabit、 L2 Managed、 6KV Lightning Protection

UTP3-GSW1604S-MTP250



- Provides 16 *Gigabit PoE RJ45 ports, 4* Gigabit uplink SFP ports;
- Enhanced Ethernet intelligent power supply function (POE+) : the output power of each port can be up to 30W
- Abundant VLAN functions: support VLAN based on port, VLAN based on MAC, QinQ;
- Reliable security protection policy: support ACL, RADIUS authentication, 802.1x authentication;
- Simple and easy network maintenance: support WEB network management, TELNET, SNMP, NTP and other abundant management and maintenance method;
- Professional lightning protection: professional built-in industrial-grade 6KV lightning protection of port;



Introduction

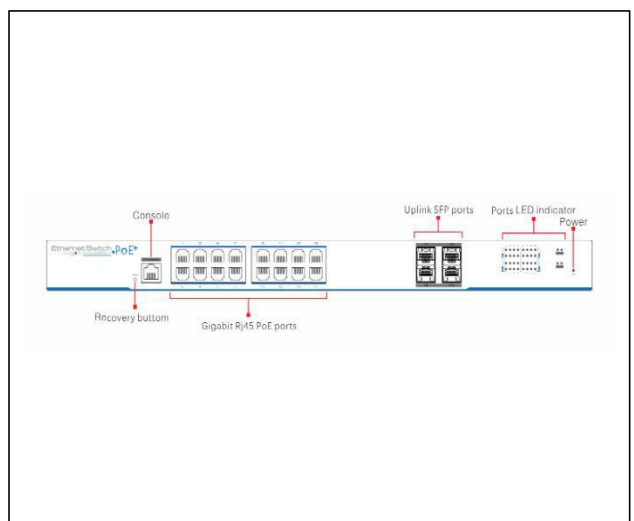
The UTP3-GSW1604S-MTP250 is a new generation of intelligent safe access POE switch launched by UTEPO. The product provides 16 gigabit POE ports and 4 gigabit uplink ports. It supports IEEE 802.3af /at (POE +) power supply standard with internal power adapter, PoE power budget is up to 230W. Users can optionally set the PoE power supply port, flexibly configure the maximum output power of each port, support the setting of multiple power supply modes, and freely set the power supply priority of ports to realize flexible PoE power supply management.

It supports abundant L2 functions such as PoE management, 802.1Q VLAN, DHCP snooping, 802.1x Authentication, Dual IPv4/IPv6 stack, IGMP Snooping, STP/RSTP, ACL, Port mirroring, SNMP v1/v2 etc. Due to the advanced L2 functions such as ACL and MAC binding VLAN function, the switch and compliant devices can be protected against broadcast storms, ARP and DoS attacks so that guarantees a safe operation. Quality of Service (QoS) ensures stable and smooth data transmission.

Physical Features



Interface drawing



Specification

Hardware Features :

Item	UTP3-GSW1604S-MTP250
Copper Ports	16* 10/100/1000Base-T PoE RJ45(Auto-MDI/MDI-X)
SFP Ports	4*1000 Base-X SFP(Mini-GBIC)
Console Port	1*RJ45-R232 serial port(115200,8,N,1)
Init button	Short press:restart; >5s Press: restore factory settings.
Network Standard	IEEE802.3 、 IEEE802.3u、 IEEE802.3ab、 IEEE802.3Z、 IEEE802.3X、 IEEE 802.1Q IEEE 802.1p IEEE 802.3ad 、 IEEE 802.1D、 IEEE 802.1X
Exchange Capacity	40Gbps / non-blocking
Packet Forwarding Rate	29.8Mpps
Operation Method	Store and Forward
Buffer Memory	12Mbit
MAC Address Table	16K MAC address table with auto learning function
Jumbo Frame	10K bytes
PoE Standard	IEEE802.3af 15.4W, IEEE802.3at 30W
PSE Type	End-span
Power Pin Assignment	1/2(+), 3/6(-)
Power Supply	Internal power adapter AC 100-240V 50/60Hz
Power Consumption	<250W (PoE consumption) PoE budget: 230W
Lightning protection	6KV Execute : IEC61000-4-5
ESD	6KV: Contact discharge 8KV: Air discharge Execute: IEC61000-4-2
Work temperature	-10-50°C
Storage temperature	-40-85°C
Humidity	5%-95%(Non-condensing)
Dimension (L×W×H)	442mm×286mm×44mm
Weight	3.859kg
Certificates	CE、FCC、ROHS

Software Parameter		
Interface Management		Support port isolation
		Support port rate settings
		Support port storm suppression
		Support IEEE802.3x flow control
		Support port traffic statistics
		Support port adaptation
	Logic Interface	Loopback detection
VLAN	VLAN Partition	VLAN based on port, VLAN based on MAC
		Private VLAN, multicast VLAN
	VLAN Communication	VLAN intercommunication
		VLAN isolation
VLAN Port Type	Access, Trunk, GVRP, QinQ	
MAC	Static MAC	
	MAC Black hole	
	Dynamic MAC	MAC address aging configuration
		MAC address learning limit
Multicast MAC	Static Multicast MAC address	
Loopback Protection	STP/RSTP, ERPS v1 , v2 (G.8032) , y.1731 CCM	
IP Features	IP address : Classful IP address, classless IP address	
	ARP	
	IPv6 address configuration	
DHCP	Host DHCP service	DHCP pool
	DHCP relay	DHCP snooping option 82
IGMP Features	IGMP snooping	
	GMRP	
QoS	Support 802.1p CoS/DSCP priority	
	Support 8-Level priority management for switching	
	Support WRR, PQ, DRR, WFQ, ACL based on ports and queues	
PoE Management	Support total power consumption control	
	Support PoE ON/OFF	
	Support single port 30W max. Power change and port output priority	

Safety Character	802.1x	IEEE 802.1X Port/MAC based authentication, Radius
		Support MAC address auto-learning, aging& filter
		Support port isolation, port speed-limited
	ACL	Basic ACL, advanced ACL
	System Log	Local system log management Remote System Log Management
	Mirroring	Port mirroring
System Management& Maintenance		Support WEB management, configuration through Telnet, SSH, Tracert v4
		SNMPv1/v2/v3 management
		NTP
		Link layer discovery protocol (LLDP)
IPv6		Dual IPv4/IPv6 stack
		Ping IPv6, WEB IPv6
		DHCPv6 snooping, DHCPv6 client
		IPv6 ACL, IPv6 SSH
		IPv6 neighbor discovery (ND)

Package List

Designation	Quantity
UTP3-GSW1604S-MTP250	1
AC Power Line	1
Accessories	1
User Manual	1

Related Products

Designation	Model
24 Ports Gigabit PoE & 4*10Gigabit Managed Ethernet Switch	UTP7624GE-PoE-P
24 Gigabit Ports & 4*10Gigabit Managed Ethernet Switch	UTP7624GE-L3