24 Gigabit PoE Ports Managed Ethernet Switch

UTEPO

24GE PoE+4*GF(SFP)、Fast ring、802.3af/at、 Full Gigabit 、 L2 Managed、6KV Lightning Protection

UTP3-GSW2404S-MTP250

- Provides 24 *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.

PoE/PoE+ 30W | Reset | Web Management | Protection 6KV

CE FC

Introduction

The UTP3-GSW2404S-MTP250 is a new generation of intelligent safe access POE switch launched by UTEPO. The product provides 24 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 guarantee a safe operation. Quality of Service (QoS) ensures stable and smooth data transmission.

Physical Features

Interface drawing
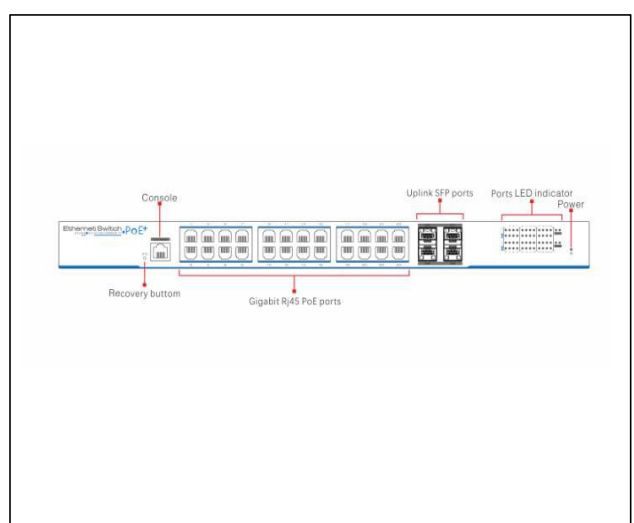
Specification

Hardware Features :

Item	UTP3-GSW2404S-MTP250
Copper Ports	24* 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	56Gbps / non-blocking
Packet Forwarding Rate	41.7Mpps
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℃
Storage temperature	-40-85℃
Humidity	5%-95%(Non-condensing)
Dimension（L×W×H）	442mm×320mm×44.5mm
Weight	4.35kg
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-GSW2404S-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