

UTP7516GE-POE-4GF



- Provides 16 \*Gigabit PoE RJ45 ports, 4\* Gigabit uplink SFP ports;
- Provides web-based layer 2 network management and PoE management by simple operation;
- Supports high-speed data forwarding, very suitable for large flow of video data forwarding in security surveillance;
- Supports Fast-Ring;
- Supports temperature-controlled fan;
- Quick Installation, simple operation, convenient for wall/desk/rack installation.

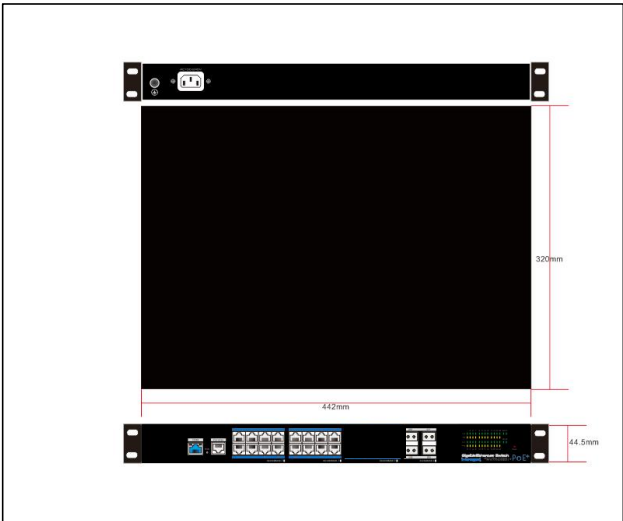


Introduction

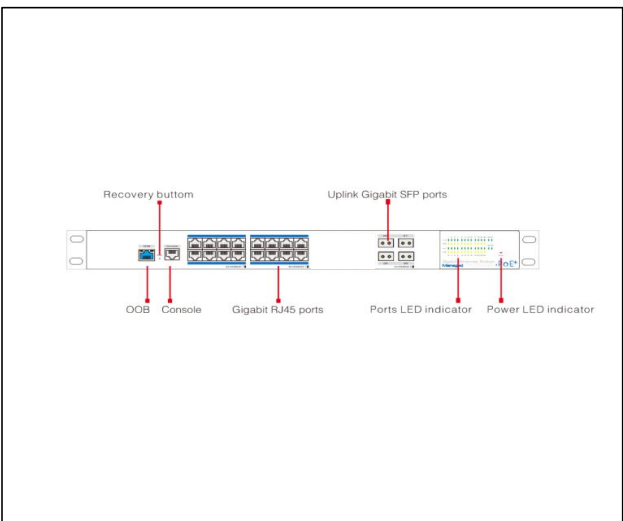
The UTP7516GE-POE-4GF is a L2 managed PoE switch, which provides 16\* Gigabit PoE downlink ports , 4\* Gigabit SFP uplink ports. The switch comply with IEEE 802.3 af/at (PoE+), the total PoE power budget can be up to 270W which is adequate to power supply for HD IP camera and Gigabit wireless access point, makes it an ideal choice for HD security surveillance network and high-speed wireless network construction projects.

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, Link Aggregation (Dynamic and Static), ACL, Port mirroring, SNMP v1/v2/v3, etc. It also supports multiple configuration modes, such as Web, CLI and SNMP, and multiple access methods, including HTTP, HTTPS, Telnet and SSH V2. 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, which guarantees a safe operation. Quality of Service (QoS) ensures stable and smooth data transmission.

Physical Features



Interface drawing



Specification

Hardware Features :

Item	UTP7516GE-POE-4GF
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)
OOB Port	1*10/100Base-TX RJ45(only used to Web management) default IP:192.168.1.200 name:admin password:admin)
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	<290W (PoE consumption) PoE budget: 270W
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-condensation)
Dimension ( L×W×H )	442mm×320mm×44.5mm
Weight	4.35kg
Certificates	CE, FCC, ROHS

Specification

Software Features :

Item		UTP7516GE-POE-4GF	
Interface Management		Support port isolation	
		Support port rate settings	
		Support port storm suppression	
		Support IEEE802.3x flow control	
		Support port traffic statistics	
		Support auto negotiation	
	Logic Interface	Loopback detection	
VLAN		VLAN Partition	VLAN based on port, VLAN based on MAC , GVRP QinQ
			Protocol VLAN, Private VLAN, multicast VLAN
		VLAN Communication	VLAN intercommunication
			VLAN isolation
		VLAN Port Type	Access, Hybrid
MAC		Static MAC	
		MAC Black hole	
		Dynamic MAC	MAC address aging configuration
			MAC address learning limit
		Multicast MAC	Static Multicast MAC address
Link Aggregation		Dynamic Aggregation	
		Static Aggregation	
Loopback Protection		STP/RSTP, ERPS v1, v2 ( G.8032 )	
IP Features		IP address : Classful IP address, classless IP address	
		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-based management, including HTTP and HTTPS Support CLI-based management Configuration through Telnet, SSH V2
		Tracert v4
		SNMPv1/v2/v3 management SNMP Trap
		Support TFTP-client
		NTP/SNTP
		Link layer discovery protocol (LLDP)
IPv6		Dual IPv4/IPv6 stack
		Ping IPv6, WEB IPv6
		ICMPv6
		DHCPv6 snooping, DHCPv6 client
		IPv6 ACL

Package List

Designation	Quantity
UTP7516GE-POE-4GF	1
AC Power Line	1
Accessories	1
User Manual	1