

8 Ports Industrial Full Gigabit PoE Managed Switch UTEPO

8GE PoE+4GF(SFP), Fast ring, Industrial Level 4 Protection, L2 Management, 60W/30W PoE, Relay Alarm

SWI7308GE-POE



- Provide 8* 10/100/1000Base-T RJ45 ports(PoE), 4 * 1000BASE-X SFP ports(Unlinks) ;
- Buffer reaches 4Mbit, Support 4K high-definition video transmission;
- PoE function: 1 port 60W HPoE , 7 ports 30W PoE;
- Support Web-based network management, support VLAN, QoS, RSTP, SNMP etc. network function;
- Support fast ring ,support 30 pcs switches Max. in a cascade system ,Self-healing in 20ms Min.
- Support relay alarm for power off, network broken, PoE off ;
- 6KV surge immunity, 8KV ESD protection and anti-interference ability;
- -40°C ~ 75°C working temperature.

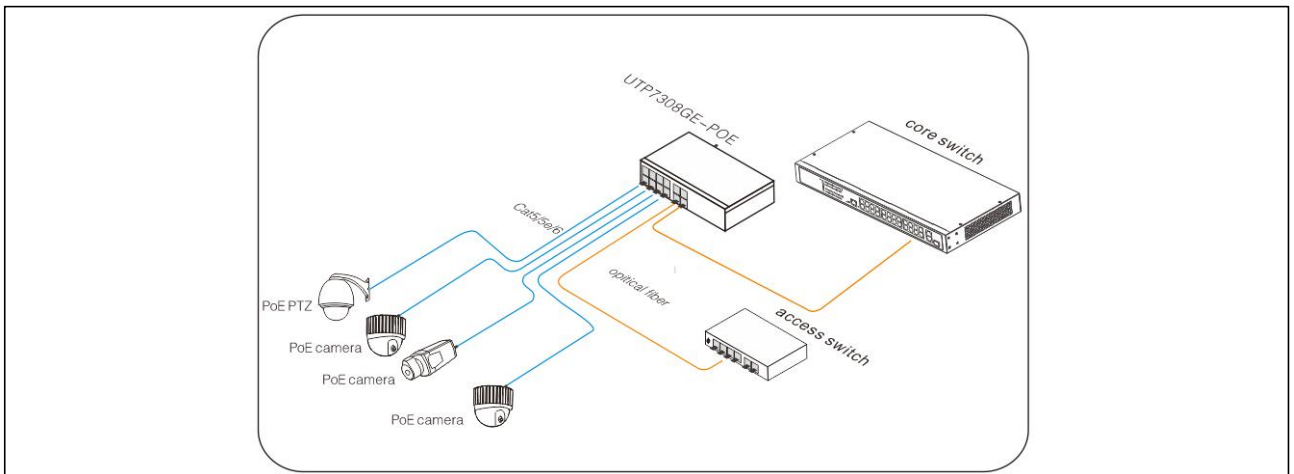


Introduction

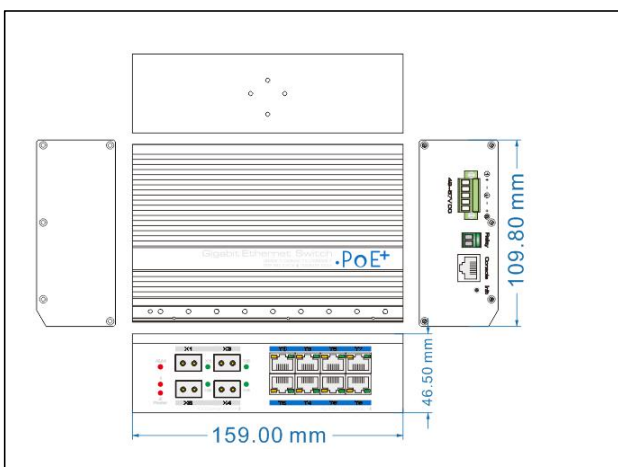
SWI7308GE-POE is 8 Ports Industrial Full Gigabit PoE Managed Switch Provide 8* 10/100/1000Base-T RJ45 ports(PoE), 4 * 1000BASE-X SFP ports(Uplinks). The switch provides up to 4Mbit cache, Support 4K high-definition video transmission. Besides, the 8 downlink PoE ports support IEEE802.3af/at standard. Working temperature -40°C ~ 75°C, strong level of protection from lightning, anti-interference. It fully satisfies the needs of security video surveillance project.

The switch has extensive L2 management functions, such as 802.1Q VLAN, 802.1P QoS, SNMP, IPv6, Fast Ring and PoE control. It can be easily managed via a WEB GUI (http/https), CLI (telnet/ssh/console) or SNMP.

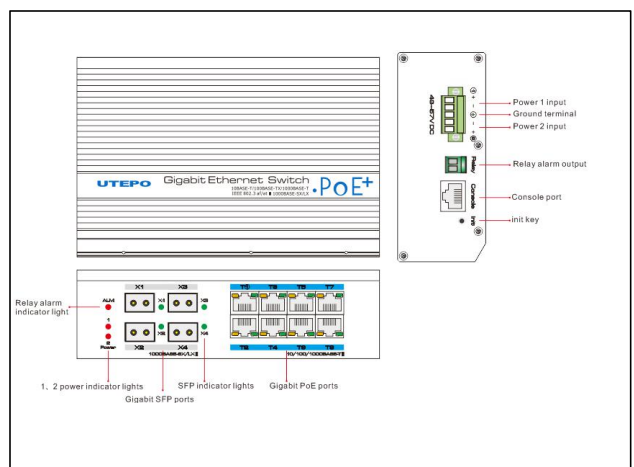
Application



Physical Features



Interface drawing



Parameter

Hardware Parameter

Model	SWI7308GE-POE
Downlink Ports	8* 10/100/1000Base-T PoE RJ45 ports
Uplink Ports	4*1000Base-X SFP ports
Standard	IEEE 802.3, IEEE802.3u, IEEE 802.3ab, IEEE802.3z, IEEE802.3x, IEEE 802.3af, IEEE 802.3at, IEEE 802.1Q, IEEE 802.1D, IEEE 802.1p, IEEE 802.1x IEC61000-4-5 IEC61000-4-2 IEC61000-4-4
Bandwidth	24Gbps
Packet Transfer Rate	18Mpps
Exchange Way	Storage& Transfer
Buffer	4M
MAC Address	8K
PoE Standard	802.3af/at
PoE Power Supply	End-span
PoE Line Pair	1/2(+), 3/6(-)
PoE Output	Port T1 60W HPoE, Port T2~T8 are standard PoE(30W)
alarm signal output by relay	Support relay alarm for power off, ports network link-off , ports PoE off (Set by Web Software)
Surge Immunity	6KV Per: IEC61000-4-5
ESD Protection	ESD Level 4 Per: IEC61000-4-2 EFT Level 4 Per: IEC61000-4-4
Input Voltage	48~57V DC
Power Consumption	Self consumption<30W
Operation Temperature	-40°C~75°C
Storage Temperature	-40°C~85°C
Operation Humidity	5%-95% (No- condensation)
Dimension(LxWxH)	159mm×110mm×46.5mm
Weight	750g
MTBF	330000 Hour
Authentication	CE、FCC、ROHS

Software Parameter	
Port Management	Support Port Enable/Disable;
	Support Port Rate Settings;
	Support Port Full-duplex Mode;
	Support IEEE802.3x Flow Control;
	Support Port Name Change;
VLAN	Support 4K VLAN
	Support 802.1Q Protocol-Based VLAN;
	Support Port-Based VLAN;
QoS	Support QoS;
	Support 8-Level Priority management for switching;
	Support WRR;
	Support 820.1P and DSCP Priority;
Multicast Management	Support SNMP V1/V2/V3 Protocol;
	Support IGMP Snooping V1/V2;
POE Management	Support Total Power Consumption Control;
	Support PoE ON/OFF;
	Support Single Port 60W max. Power Change and Port Output Priority;
alarm signal output by relay	Support relay alarm for power off, ports network link-off , ports PoE off
Safety Character	Support IP、MAC、Port、VLAN Combination and Binding;
	Support MAC address auto-learning, aging& filter;
	Support Port Isolation, Port Speed-Limited;
	Support RSTP;
	Support Fast-Ring;
	Support 802.3ad LACP;
	ITU-T G.8032/Y1344 2010
	Support 5 groups of 8-Port trunk;
Support RADIUS Authentication& 802.1X Authentication;	
ERPS Ring	Ring Number East Interface West Interface
ERPS Instance	EPRS Instance Name ERPS Instance ID ERPS Ring Level RAPS VLAN Owner Interface Subring Block Associated Instance
System Management& Maintenance	Support WEB Management, CLR Settings and telnet Settings;
	Support CLR Settings;
	Support FTP/TFTP/HTTP/HTTPS Web Upgrading;
	Support CLI (telnet/ssh/console) management
	Support Flow Calculate;
	Support MAC address Form Search;
	Support IP Address, DNS Server Change
	Support Username& Password Change;
	Support History Record, Journal management;
Support System settings Backup;	