



Features:

- Can transfer data for network surveillance cameras;
- 24 x 10/100/1000Mbps auto-sensing POE Ports, 4 x 10/100/1000Mbps Combo Ports, 1 x Console Port;
- Support IEEE802.3/ IEEE802.3i/ IEEE802.3u/IEEE802.3ab/ IEEE802.3z, IEEE802.3af/ at, store-and-forward;
- Compatible with IEEE802.3at (30W) and IEEE802.3af (15.4w);
- Ethernet port supports 10/100/1000M adaptive and POE functions;
- Panel indicator monitoring the status and help failure analysis;
- Fanless design, Natural Cooling, 1U Rack Mount;
- Support 802.1x port authentication, support AAA authentication, support TACACS+ authentication;
- Support WEB, TELNET, CLI, SSH, SNMP, RMON management;
- Support POE Power Management;
- Lightning Protection Surge: General Mode 6KV, Differential Mode 4KV, ESD 15KV.

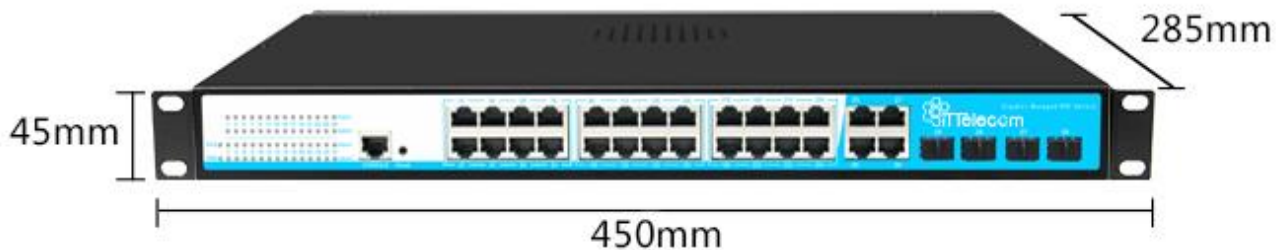
Description:

The ITT-SWP-L2-24G4S 28-ports Gigabit Managed POE Switch is a Green Energy-Saving POE Switch independently .It adopts High-Quality and High-Speed Network IC and the most stable POE Chip. The POE port meets the IEEE802.3af or IEEE802.3at standard. This model can provide seamless connection for 10/100/1000M Ethernet,and the POE power port can automatically detect and power the powered devices that comply with the IEEE802.3af or IEEE802.3at standards. The Non-POE devices are forcibly powered and only transmit data.

● Physical Pic Reference



- Dimension(445mm*285mm*45mm,Net Weight:3.9kg/unit



- Package Dimension(470mm*350mm*120mm,Gross Weight:4.5kg/unit



Technical Parameters:

General Performance Indicator

• Product Name	➤ 28 Port Gigabit Managed POE Switch
• Product Model	➤ ZX-AFGM-2444S
• Interface	➤ 24*10/100/1000M POE Ports + 4*Gigabit SFP/TP Combo Ports + 1*Console Port
• Network Protocols	<ul style="list-style-type: none"> ➤ IEEE 802.3 ➤ IEEE 802.3u ➤ IEEE 802.3ab/ad/az/af/at ➤ IEEE 802.3x ➤ IEEE 802.1q ➤ IEEE 802.1p, QoS ➤ IGMP Snooping
• PoE Parameters	➤ PoE Standard: IEEE802.3at (30W) and IEEE802.3af (15.4w)
	➤ PoE compatibility: IEEE 802.3af/at adaptive
	➤ POE port output: DC48-55V
	➤ Power Pin Assignment: Power over spare pairs 1/2(+) and 3/6 (-)
• Port Lightning Protection	<ul style="list-style-type: none"> ➤ General Mode 6KV, ➤ Differential Mode 4KV, ➤ ESD 15KV.
• Network Transmission Medium	<ul style="list-style-type: none"> ➤ 10BASE-T: Cat3, 4, 5 UTP (≤ 100 m) ➤ 100BASE-TX: UTP (≤100 m) above Cat5 ➤ 1000BASE-TX: UTP (≤100 m) above Cat5
• Optical	<ul style="list-style-type: none"> ➤ Multimode fiber: 1310nm, 2Km ➤ Single mode fiber: 1310nm, 20/40 Km ➤ 1550nm, 60/80/100/120Km
• The LED indicator	➤ SYS, PWR, Link (lines 2, 4) / Act (lines 1, 3)
• Power Supply	<ul style="list-style-type: none"> ➤ Machine input voltage: AC110-240V; ➤ Output: DC52V5.76A ➤ Total power: 300W
• Physical Dimension	<ul style="list-style-type: none"> ➤ Product size (L×W×H): 445mm× 285mm× 45mm ➤ Package size (L×W×H): 470mm × 350mm × 120mm ➤ Product weight: kg ➤ Package weight:kg

<ul style="list-style-type: none"> • Working Environment 	<ul style="list-style-type: none"> ➤ Operating Temperature:-20° ~ 55 ° C; ➤ Storage Temperature: -40 ° ~ 85 ° C; ➤ Operating Humidity: 10% ~ 95%, non-condensing ➤ Working height: up to 10,000 feet (3,000 meters) ➤ Storage height: up to 10,000 feet (3,000 meters)
<ul style="list-style-type: none"> • Certification 	<ul style="list-style-type: none"> ➤ CE, FCC,ROHS,CCC
<ul style="list-style-type: none"> • MTBF: 	<ul style="list-style-type: none"> ➤ 100,000 hours
<ul style="list-style-type: none"> • Package Contents 	<ul style="list-style-type: none"> ➤ 1. Switch: 1 set ➤ 2. Instruction manual: 1 ➤ 3. Certificate of conformity: 1 ➤ 4. Warranty card: 1 ➤ 5. AC power cord 1 ➤ 6. A pair of hanging ears
<ul style="list-style-type: none"> • Warranty 	<ul style="list-style-type: none"> ➤ 2 years warranty
<h3>Technical Indicators</h3>	
<ul style="list-style-type: none"> • Bandwidth 	<ul style="list-style-type: none"> ➤ 56Gbps (non-blocking)
<ul style="list-style-type: none"> • Packet Forwarding rate 	<ul style="list-style-type: none"> ➤ 41.66Mpps
<ul style="list-style-type: none"> • Packet Buffer Memory 	<ul style="list-style-type: none"> ➤ 4M
<ul style="list-style-type: none"> • Memory Capacity 	<ul style="list-style-type: none"> ➤ 128MB
<ul style="list-style-type: none"> • Flash Capacity 	<ul style="list-style-type: none"> ➤ 16MB
<ul style="list-style-type: none"> • Jumbo frame 	<ul style="list-style-type: none"> ➤ 9.6Kbytes
<ul style="list-style-type: none"> • VLANs 	<ul style="list-style-type: none"> ➤ 4096
<ul style="list-style-type: none"> • MAC 	<ul style="list-style-type: none"> ➤ 8K
<ul style="list-style-type: none"> • Forwarding Mode 	<ul style="list-style-type: none"> ➤ Store-And-Forward
<h3>Layer 2 Software Function</h3>	
<ul style="list-style-type: none"> • Port Management 	<ul style="list-style-type: none"> ➤ Enable/Disable Port ➤ Speed、 Duplex、 MTU Setting ➤ Flow-control ➤ Port Information Check
<ul style="list-style-type: none"> • Port Mirroring 	<ul style="list-style-type: none"> ➤ Supports both side-way port mirroring
<ul style="list-style-type: none"> • Port Speed Limit 	<ul style="list-style-type: none"> ➤ Supports port-based input / output bandwidth management
<ul style="list-style-type: none"> • Port Isolation 	<ul style="list-style-type: none"> ➤ Support the downlink port isolation, and can communicate with the uplink port

<ul style="list-style-type: none"> • Storm Suppression 	<ul style="list-style-type: none"> ➤ Supports unknown unicast, multicast, unknown multicast, broadcast type storm suppression ➤ Storm suppression based on bandwidth regulation and storm filtering
<ul style="list-style-type: none"> • Link Aggregation 	<ul style="list-style-type: none"> ➤ Support static manual aggregation ➤ Support LACP dynamic aggregation
<ul style="list-style-type: none"> • VLAN 	➤ Access
	➤ Trunk
	➤ Hybrid
	➤ Support port, protocol, MAC-based VLAN partitioning
	➤ Support GVRP dynamic VLAN registration
	➤ Voice VLAN
<ul style="list-style-type: none"> • MAC 	➤ Support static addition, deletion
	➤ MAC address learning limit
	➤ Support dynamic aging time setting
<ul style="list-style-type: none"> • Spanning tree 	➤ Support STP spanning tree protocol
	➤ Supports RSTP Rapid Spanning Tree Protocol
	➤ Supports MSTP Rapid Spanning Tree Protocol
<ul style="list-style-type: none"> • Multicast 	➤ Support static addition, deletion
	➤ IGMP-snooping
	➤ Support MLD-Snooping
<ul style="list-style-type: none"> • DDM 	➤ Support v1/2/3 dynamic multicast monitor
	➤ Support SFP/SFP+DDM
Extended Function	
<ul style="list-style-type: none"> • ACL 	➤ Based on source MAC, destination MAC, protocol type, source IP, destination IP, L4 port
<ul style="list-style-type: none"> • Qos 	➤ Based on 802.1p (COS) classification
	➤ Based on DSCP classification
	➤ Classification based on source IP, destination IP, and port number
	➤ Support SP, WRR scheduling strategy
	➤ Support flow rate limit CAR
<ul style="list-style-type: none"> • LLDP 	➤ Support LLDP link discovery protocol
<ul style="list-style-type: none"> • User settings 	➤ Add/delete users
<ul style="list-style-type: none"> • Log 	➤ User login, operation, status, events
<ul style="list-style-type: none"> • 	➤ DOS defense

<ul style="list-style-type: none"> • Anti-attack 	<ul style="list-style-type: none"> ➤ Support CPU protection and limits the rate of sending cpu packets ➤ ARP binding (IP, MAC, PORT binding)
<ul style="list-style-type: none"> • Certification 	<ul style="list-style-type: none"> ➤ Support 802.1x port authentication ➤ Support AAA certification
<ul style="list-style-type: none"> • Network diagnosis 	<ul style="list-style-type: none"> ➤ Support ping、telnet、trace
<ul style="list-style-type: none"> • System Management 	<ul style="list-style-type: none"> ➤ Device reset, configuration save/restore, upgrade management, time setting, etc.
Management function	
<ul style="list-style-type: none"> • CLI 	<ul style="list-style-type: none"> ➤ Support serial port command line management
<ul style="list-style-type: none"> • SSH 	<ul style="list-style-type: none"> ➤ Support SSHv1/2 remote management
<ul style="list-style-type: none"> • TELNET 	<ul style="list-style-type: none"> ➤ Support telnet remote management
<ul style="list-style-type: none"> • WEB 	<ul style="list-style-type: none"> ➤ Support Layer 2 settings, Layer 2 and Layer 3 monitor
<ul style="list-style-type: none"> • SNMP 	<ul style="list-style-type: none"> ➤ SNMP V1/V2/V3
	<ul style="list-style-type: none"> ➤ Support trap: ColdStart、WarmStart、LinkDown、LinkUp
<ul style="list-style-type: none"> • RMON 	<ul style="list-style-type: none"> ➤ Support RMON v1
<ul style="list-style-type: none"> • POE 	<ul style="list-style-type: none"> ➤ Support PoE power supply
<ul style="list-style-type: none"> • Other functions 	<ul style="list-style-type: none"> ➤ Support DHCP Snooping、Option82
	<ul style="list-style-type: none"> ➤ Support dynamic ARP detection
	<ul style="list-style-type: none"> ➤ Support TACACS+ certification
	<ul style="list-style-type: none"> ➤ Support DNS certification
	<ul style="list-style-type: none"> ➤ Support port security settings
	<ul style="list-style-type: none"> ➤ Support MVR protocol
	<ul style="list-style-type: none"> ➤ Support cable detection VCT function
	<ul style="list-style-type: none"> ➤ Support UDLD protocol