ITM-3500-26TP Power Over Ethernet Switch

◆ Product overview

◆ Speednt **ITM-3500-26TP** which is a Gigabit power over Ethernet switch. Providing **52Gbps** switching capacity, **34.95Mpps** forwarding performance, L2 full wire-speed forwarding. With the modular design, it provides 24 100/1000M RJ45 ports, 2 1000M SFP ports, 1 Console port. 24 100/1000M RJ45 ports support 802.3at POE, **Max output power for single port is 15W, total output power can reach 250W.**

◆ Product Feature

*** Gigabit fiber uplink access, performance excellence

1>To have 52Gbps backplane bandwidth, packet forwarding rate of 34.95Mpps;

2>The 24 100/1000M RJ45 interface, to meet the high density PD device access demand;

3>The 2 Gigabit interface, providing remote network demand flexibility for customers.

*** Easy to use and maintain

1>Is through Web, SNMP, telnet and other methods of management

2>To support the XModem protocol, the software can be upgraded and upgraded by TFTP/ZMODEM BootRom

3>To support SFP

4>To provide redundant power, fast failover and fast connection, greatly increasing the reliability of the system

◆ Product's Technical Parameter

Product Model	ITM-3500-26TP
Brand	ITM Systems
Fixed Port	24 100/1000M RJ45 ports, 2 1000M SFP ports
Console Port	1
Backplane bandwidth	**52Gbps**
Packet forwarding rate	**34.95Mpps**
Chip	**BCM**
Support	802.3**AT**

ITM-3500-26GT-SI Power Over Ethernet Switch

Jumbo Frames	9.6k bytes
Transfer Mode	Support store-forward mode and cut-through mode
MAC Address Tab	8192
Packet Buffer	4MB
VLAN ID	4096
Flash Memory Capacity	8MB
Memory capacity	128MB
CPU	Single-Core 32-bit 416MHz MIPS
Support protocol standard	IEEE 802.1AB-2005, LLDP protocol; IEEE 802.1d, spanning tree protocol; IEEE 802.1w, fast spanning tree protocol; IEEE 802.1s, multi spanning tree protocol; 802.1Q VLAN, IEEE standard; IEEE 802.3ad, link aggregation protocol; IEEE802.3u, fast Ethernet standard; IEEE802.3z and IEEE802.3ab, Gigabit Ethernet standard; IEEE 802.3x, full duplex Ethernet data link layer flow control
Forwarding mode	Store and forward
Link aggregation	Support static aggregation, dynamic aggregation
Security Feature	Support IP ACL, MAC ACL, Vlan ACL, support based on three or four layer ACL function Support port based MAC binding Support for ARP detection Anti ARP attack Support MAC binding Support WEB interface user authentication Support port isolation Support loop protection Support NTP network time synchronization Support snooping DHCP Support snooping IGMP
VLAN	Maximum support for 4096 VLAN　Support port based VLAN 802.1Q tag VLAN
POE management	Support
PHYTesting	The main test cable Unicom
Broadcast control	Suppress broadcast storm to reach critical point stop sending

Bandwidth control	Port based bandwidth management
Flow Control	Half duplex with backpressure, full duplex using IEEE802.3x Support CAR function
Dimension	438mm*284mm*43mm
Characteristic of Power	AC：90V～260V 50~60HZ
Rate of work	Switch power <60W, POE Power Max 250W.
Power	Switch<60W, POE: Max 250W
Indicator	Power indicator, system, connection/sending and receiving instructions
Ambient temperature / humidity	Working temperature: 0 degrees C to 50 degrees C (0m ~ 1800m) storage temperature: -40 ~ C ~ +70 ~ C, relative humidity: 5%RH ~ 95%RH, non condensing

Product quality assurance and certification

Warranty	3 year warranty
Authentication	ROHS
	European Community (CE) Electromagnetic Compatibility Directive：This equipment has been tested and found to comply with the protection requirements of European Emission Standard EN55022/EN60555-2 and the Generic European Immunity Standard EN50082-1. EMC: EN55022(1988)/CISPR-22(1985)，class A EN60555-2(1995)，class A EN60555-3 IEC1000-4-2(1995)，4K V CD, 8KV, AD IEC1000-4-3(1995)，3V/m IEC1000-4-4(1995)，1KV – (power line), 0.5KV – (signal line)
	Federal Communications Commission (FCC)：This equipment has been tested and found to comply with the limits for a class A computing device pursuant to Subpart J of part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment.

Transportation and storage of products

Transportation: This product packaging is suitable for automobiles, ships, aircraft, trains and other transport systems, it needs to be protected against rain and sun.

Storage: the product should be placed in the package, storage environment temperature and humidity should be consistent with the requirements of the product, the warehouse should not have corrosive objects, and strong mechanical vibration, shock and magnetic field, the packing box pad should be at least 20CM from the ground, and at least 50CM.