



Features:

- 24GE+4*10G SFP Ports with 24 ports, 4*10G SFP Up-link Ports
- Supply 24*10/ 100/1000M RJ45 adaptive ports, all of which can realize line speed forwarding
- Supply four 10 Gigabit SFP optical fiber uplink ports are provided for high-speed uplink transmission.
- It supports the combined use of multiple types of ports to facilitate the flexible networking of users and meet the networking requirements of various scenarios
- Each port supports MDI / mdix auto flip and duplex / rate self negotiation.
- Support IEEE 802.3x full duplex flow control and backpressure half duplex flow control.
- Support Port VLAN(Port isolation)
- LED indicators for LINK/ACT, Power, PoE Status, 100Mbps,1000Mbps,10000Mbps
- 16K entry MAC address table with auto-learning and auto-aging

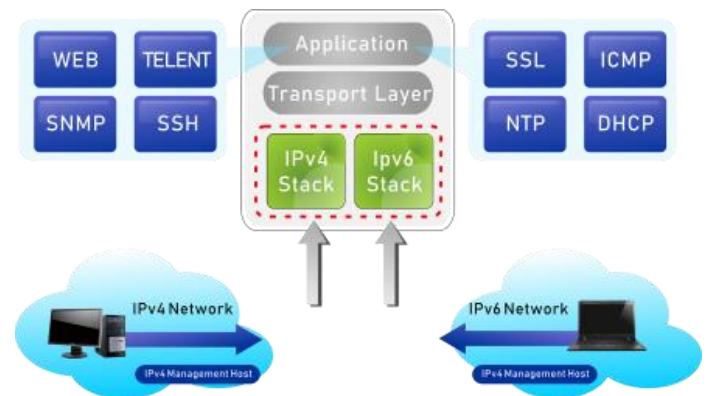
Environmentally Hardened Design

With the **IP40** metal industrial case which provides a high level of immunity against electromagnetic interference and heavy electrical surges, Being able to operate under the temperature range from **-40 to 85 degrees C**, the ITT-SWP-L3-24G4S+ can be placed in almost any difficult environment.



Cost-effective IPv6 Managed Gigabit PoE Switch Solution

With layer 2+ managed Gigabit PoE Switch, It provides IPv6/IPv4 management and built-in L2/L4 Gigabit Switching engine, and supports high-speed transmission of surveillance images and videos.



Description

ITT-SWP-L3-24G4S+ : 24GE+4*10G 10 Gigabit uplink three-tier enterprise level multi-functional network management switch is specially optimized and enhanced for enterprise customers, with higher reliability. The equipment adopts Broadcom new generation high-performance platform and hasivo new self-developed switch system; Support flexible 802.1Q VLAN, IGMP, port monitoring, port aggregation, bandwidth control, ring network application and other network management functions, and easily adapt to the current complex network application environment. It is suitable for hotels, campuses, factory dormitories and enterprises to establish an economic and efficient network.

High Performance

- ◆ Add a variety of new applications based on IPv6, easily adapt to modern complex network management applications
- ◆ Support IEEE 802.1Q VLAN, users can divide VLAN flexibly according to their needs.
- ◆ Support voice VLAN, configure QoS parameters for voice data stream, improve the transmission priority of voice data stream and ensure the call quality.
- ◆ It supports QoS, supports port based, 802.1p and DSCP based priority modes to optimize the bandwidth configuration.
- ◆ It supports ACL, achieves packet filtering by configuring matching rules, processing operations and time permissions, and provides flexible security access control policies
- ◆ Support IGMP V1 / V2 multicast protocol, support IGMP snooping, meet the requirements of multi terminal HD video monitoring and video conference access.
- ◆ Support multicast VLAN, multicast filtering, efficient data transmission, save network bandwidth, reduce network load.
- ◆ Support port monitoring, copy the data package of monitored port to the monitoring port to realize network monitoring. ◆ Support the management and maintenance of equipment through web interface.
- ◆ It supports port convergence, effectively increases link bandwidth, realizes link backup and improves link reliability.

Support static routing

- ◆ STP / RSTP / MSTP spanning tree protocol is supported to eliminate layer-2 loops and realize link backup.

- ◆ Support tree security function, prevent devices in tree network from being attacked by various forms of malicious.
- ◆ It supports static aggregation and dynamic aggregation, effectively increases link bandwidth, realizes load balancing, link backup, and improves link reliability
- ◆ Support web management, CLI command line (console, telnet), SNMP (v1/v2/v3) and other diversified management and maintenance methods.
- ◆ It supports HTTPS, SSL V3, tlsv1, sshv1/v2 and other encryption methods, and makes management more secure.
- ◆ It supports RMON, system log and port traffic statistics to facilitate network optimization and transformation.
- ◆ Users can know the working status of the switch through the power indicator (PWR), port status indicator and system status indicator (sys).

Easy to Use

The auto features of this Ethernet switch make installation plug and play and hassle-free. No configuring is required. Auto MDI/MDIX eliminates the need for crossover cables. Auto-negotiation on each port senses the link speed of a network device (10, 100,1000 Mbps) and intelligently adjusts for compatibility and optimal performance.

Specifications

Model

Fixed Port 24*10/100/1000Base-TX
4*10G SFP+

Console Port 1*console port

Reset Key 1

CPU 400MHz ARM® Cortex™-A9

DDR 2G DDR3 1333MHz

Buffer Fully integrated 1.5 MB packet buffer

FLASH 64M

RAM 256M RAM

Bandwidth 256Gbps Bandwidth

Packet Forwarding 92.32Mpps Packet Forwarding

MAC Address 16K

Network Protocol
IEEE 802.3
IEEE 802.3u 100BASE-TX
IEEE 802.3ab1000BASE-T
IEEE 802.3x
IEEE 802.3z 1000BASE-X
IEEE 802.3ad
IEEE 802.3q 、 IEEE 802.3q/p
IEEE 802.1w、 IEEE 802.1d 、 IEEE 802.1S
STP(Spanning Tree Protocol)
RSTP/MSTP(Rapid Spanning Tree Protocol)
EPPS ring network protocol
EAPS ring network protocol

Port Specification 10/100/1000BaseT (X) Auto

Transmission Mode Store and Forward(full wirespeed)

Transmission Distance
10BASE-T : Cat3,4,5 UTP(≤250 meter)
100BASE-TX : Cat5 or later UTP(≤100 meter)
1000BASE-TX : Cat6 or later UTP(≤1000 meter)

LED Indicator
PWR:Power LED
SYS:(System LED)
1~24:(Link LED=10/100M Link、 1000M=Gigabit Link)
25 26: (SFP LED)

Power	Built-in power AC 100~240V 50/60HZ MAX Max Current 0.5A Max Power 30W
Operating Temperature/Humidity	-20~+55°C; 5%~90% RH Non coagulation
Storage Temperature/Humidity	-40~+75°C; 5%~95% RH Non coagulation
Physical size	Product size: 440mm*290mm*45mm Packing size: 515mm*375mm*95mm
N.W/G.W (kg)	2.5kg/2.8kg
Installation type	1U Rack type, 19 "
Lightning protection level	3KV 8/20us; IP30
Certification	CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS;
Warranty	Whole device for 1 year(Accessories not included)