ITTelecom

Ittelecom Optical Technology Co., ltd

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Features:

- 24GE+2*1G SFP Ports with 24 PoE ports, 2*1G SFP Up-link Ports

- Support Smart PoE Watchdog function

- Port 1-2 supports 802.3bt 60W

- Supports PoE power up to 30W for Port 3-24

- Supports 250meters Long-Range PoE transmit

- Supports PoE IEEE 802.3af/at/bt compliant PDs

- Support max 400W power

- Support Port VLAN(Port isolation)

- Support Wall-Mount installation

- LED indicators for LINK/ACT, Power, PoE Status, 100Mbps,1000Mbps

- 8K entry MAC address table with auto-learning and auto-aging

ITT-SWP-L2-24G2S

ITT-SWP-L2-24G2S multi-functional network PoE management switch independently developed by ITTELECOM adopts Realtek's new generation high-performance platform and new self-developed switch system, and supports flexible network management functions such as 802.1Q VLAN, IGMP, port monitoring, port aggregation, bandwidth control, ring application, etc. This series of switches is specially designed for the construction of high-performance complex network requirements, providing a comprehensive security protection system, perfect qo5 strategy and rich VLAN functions, simple

management and maintenance, and can be applied to the core layer of small and medium-sized enterprises, communities and schools..

High Performance

- Provides 24 PoE ports that support fast data transfer, with a total PoE power output of up to 300W and up to 30W for a single port.

- Includes 2 high-speed 1000M SFP uplink ports for connecting to other network devices.

- All ports automatically adjust for cable type and support auto-negotiation for speed and duplex settings.

- Supports IEEE 802.3x for reliable data transfer in full duplex mode and backpressure for half duplex.

- Compatible with IEEE 802.3af/at standards, ensuring broad device compatibility.

- Features automatic power detection and supply for PoE devices, with advanced detection to manage power efficiently and safely.

- Offers enhanced functionality for IPv6 networks, supporting complex network management needs.

- Allows for flexible VLAN division per user requirements, including a voice VLAN to prioritize voice data and ensure call quality.

- Supports various QoS modes for optimizing bandwidth usage and prioritizing traffic.

- Includes ACL for detailed access control and packet filtering for enhanced security.

- Supports IGMP protocols and snooping for efficient video broadcast and conferencing.

- Facilitates network monitoring by enabling port mirroring.

- Enables equipment management through a web interface, supports port aggregation for increased bandwidth and redundancy.

- Supports spanning tree protocols for loop prevention and link redundancy.

- Offers tree security to protect against attacks in networked environments.

- Supports both static and dynamic link aggregation for better bandwidth and reliability.

- Provides various management and maintenance options, including web, CLI, and SNMP.

- Ensures secure management with support for HTTPS, SSL, TLS, and SSH encryption standards.

- Features RMON and traffic statistics for network analysis and optimization.

- Includes indicators for power, port status, and system status to monitor the device's operation.

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.

Model	ITT-SWP-L2-24G2S
Fixed port	24*10/100/1000Base-TX PoE port (Data)(1-2 port max 60w) 2*1000M SFP
Console port	1*console port
Reset Key	1
Network Protocol	IEEE 802.3x IEEE 802.3、IEEE 802.3u、IEEE 802.3ab、IEEE 802.3z IEEE 802.3ad IEEE 802.3q 、IEEE 802.3q/p IEEE 802.1w、IEEE 802.1d 、IEEE 802.1S IEEE 802.3z 1000BASE-X

	IEEE 802.3af/at 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)
Bandwidth	56/128Gbps
Packet Forwarding	40.32Mpps
MAC Address	8K
Buffer	4.1M
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) 1000BASE-SX:62.5μm/50μm MMF(2m~550m) 1000BASE-LX:62.5μm/50μm MM(2m~550m) or 10μm SMF(2m~5000m)
FLASH	128M
RAM	128M
Watt	≤400W
LED Indicator	PWR:Power(Over-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
Operating Temperature/Humidity	-20～+55°C；5%～90% RH Non coagulation
Storage Temperature/Humidity	-40～+75°C；5%～95% RH Non coagulation
Product size/Packing size（L*W*H）	440mm*290mm*45mm 515mm*375mm*95mm
N.W/G.W（kg）	3.5kg/4.3kg
Installation	Rack-mount(optional machine hanger spare parts)
Lightning protection level	3KV 8/20us； IP30
Certificate	CE mark, commercial；CE/LVD EN60950； FCC Part 15 Class B；RoHS；
Warranty	Whole device for 1 year(Accessories not included)