

PS-436484

三十六埠第三層

超高速智慧網管型網路交換器



- 24*10/100/1000M+8*千兆光纖口+4*10G萬兆SFP+網管交換機，其中1-24口可選購支援IEEE 802.3af/at POE標準
- L3具備更好的管理性、安全性、QoS和ACL其他效能
- 最高可提供至32port RJ45活用PORT位(含擴充POORT)
- 支援兩層交換功能，包括VLAN，埠彙聚，埠鏡像，埠隔離，流量控，限速，風暴抑制，QoS，存取控制清單等生成樹支援STP，RSTP，MSTP
- 巨型幀支援高達9.6K千位元組
- 支援通過WEB，CLI，TELNET，SNMP V1/2/3,及四組遠端分組的高級管理
- 支援電纜診斷

Interface	24*1000Base-TX Port (Data/Power) 8*1000M TP/SFP Combo Port (Data) 4*10G SFP Combo Port (Data)
POE Port	Port 1 - 8 support PoE @ IEEE802.3af/at 選購
Managed Type	L3
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX/FX; IEEE802.3ab 1000Base-TX IEEE802.3z 1000Base-FX IEEE802.3x

	IEEE802.1X IEEE 802.1ab Link Layer Discovery Protocol (LLDP)
PoE Standard	IEEE802.3af/at
Ethernet Port Feature	Port 1-24: 10/100/1000BaseT(X), Auto-sensing Full/half duplex MDI/MDI-X self-adaption
Fiber Port Feature	Gigabit SFP Port (Fiber module is not included, need to order separately, module options include single/multi mode, single/dual fiber, LC)
Forwarding Mode	Store and Forward (Full wire speed)
Switching Capacity	598Gbps (Non-blocking)
MAC	32K
Buffer Memory	32M
MTBF	100,000 hours
Twisted Pair Transmission	10BASE-T : Cat3,4,5 UTP(≤100 meter) 100BASE-TX : Cat5 or later UTP(≤100 meter) 1000BASE-TX : Cat5 or later UTP(≤100 meter)
Optical Cable	Multi Mode: 850nm 0-550M Single Mode: 1310nm 0-40KM , 1550nm 0-120KM.
Power Supply Pin	Default: 1/2(+), 3/6(-); Option: 4/5(+), 7/8(-)
MAX / AVERAGE Power Per Port	30W/30W
Total PWR / Input Voltage	選購 POE 時 400W (AC100-240V)
Power Consumption	Standby: < 10W; Full Load: < 400W
LED	PWR(Green); Link/Act(Yellow); PoE(Green); Speed(Green);
Reset Button	YES
Power Supply	Built in AC: 100 ~ 240V 50-60Hz 4.1A
Operation TEMP	-20 ~ +55°C;5% ~ 90% RH, Non-condensing
Storage TEMP	-40 ~ +75°C;5% ~ 95% RH, Non-condensing
Dimension	440*290*44.5mm

Net	< 3.7kg
Anti-surge / Protection Level	Anti-surge: 4KV 8/20us; Protection level: IP30
Certification	CE mark, commercial;CE/LVD EN60950; FCC Part 15 Class B; RoHS;

Interface	IEEE802.3x flow control (full duplex) Broadcast storm suppression for port rate support speed limit for incoming and offline message traffic, with a minimum particle size of 64Kbps. Temperature protection setting Energy saving configuration of port IEEE Ethernet
Layer3 Function	Support L2+ managed function, Support IPV4/IPV6 management Support layer3 soft routing (weak three tier) forwarding, Support different network segments, communication between different VLAN Support static routing / default routing 128, 1024 ARP software forwarding
VLAN	Support port based VLAN (4K), IEEE802.1q Support protocol based VLAN Support Access, Trunk, Hybrid three types of port configuration Support QinQ configuration
Port Aggregation	Support LACP Support static polymerization Support the largest 8 aggregation groups, each aggregation group supports 8 ports.
Spanning Tree	STP (IEEE802.1d) RSTP (IEEE802.1w) MSTP (IEEE802.1s)
Industrial Ring Network Protocol	Support G.8032 (ERPS), support 255 loops at most, and supports 1024 devices per ring. The self-healing time of the ring network is less than 20ms

<p>Multicast</p>	<p>Support IGMP Snooping V1/V2 and support 1024 multicast groups at most.</p> <p>Support the user's quick departure mechanism</p> <p>Support MLD Snooping V1/V2</p> <p>Support multicast VLAN</p>
<p>Image</p>	<p>Bi-directional traffic mirroring supporting the basic port</p>
<p>QoS</p>	<p>Diff-Serv QoS</p> <p>Each port supports 8 output queues</p> <p>Support 802.1p/DSCP priority mapping</p> <p>Support queue scheduling mechanism (SP, WRR, SP+WRR)</p> <p>priority tag Mark/Remark</p> <p>stream based packet filtering</p> <p>Support for stream-based redirection</p> <p>Support flow-based speed limit</p>
<p>ACL</p>	<p>Support L2 to L4 packet filtering function, can match the first 80 bytes of the message, provide based on the source MAC address, destination MAC address, source IP address, destination IP address, IP protocol type, TCP/UDP port, TCP/UDP port range, VLAN and other definition ACL.</p> <p>Support ACL based on port and VLAN</p>
<p>Safety Characteristics</p>	<p>Support user grading management and password protection</p> <p>Support IEEE802.1X authentication / centralized MAC address authentication</p> <p>Support AAA&RADIUS authentication</p> <p>Support the number of MAC address learning restrictions</p> <p>Support MAC address black hole</p> <p>Support SSH 2 to provide secure passwords for user login.</p> <p>Support SSL to ensure data transmission security</p> <p>Support port isolation</p> <p>Support the speed limit function of ARP message</p> <p>Support IP source address protection</p> <p>Support ARP intrusion detection function</p> <p>Support against DoS attacks</p>

	<p>Support port broadcast message suppression</p> <p>Support host data backup mechanism</p> <p>Binding capabilities of IP+MAC+VLAN+ ports</p>
DHCP	<p>Support DHCP Client</p> <p>Support DHCP Snooping</p> <p>Support DHCP Serve</p> <p>Support DHCP Relay</p>
Management and Maintenance	<p>Support Console/AUX Modem/Telnet/SSH2.0 CLI command line configuration</p> <p>Support WEB network management (HTTPS)</p> <p>Support FTP, TFTP, Xmodem, SFTP file download management</p> <p>Support SNMP V1/V2C/V3</p> <p>Support one bond reduction</p> <p>Support NTP clock</p> <p>Support system work log</p> <p>Support Ping detection</p> <p>Support cable state detection</p> <p>Support CPU instant utilization status view</p> <p>Support link layer discovery protocol LLDP</p> <p>Support NMS intelligent management center</p>
System Requirements	<p>Web browser: Mozilla Firefox 2.5 or higher, Google browser chrome V42 or higher, Microsoft Internet Explorer10 or later;</p> <p>Cat5e or later Ethernet cable;</p>

FIBER MODULE LIST

	Model	Description	Unit
1.25G Fiber Module	850MM-LC	1.25G SFP module, dual LC interface. Multi mode dual fiber, 850nm. Transmission distance is 550meters. Working voltage is 3.3V. Support DDM and hot plugging.	PC
	1310SM-LC	1.25G SFP module, dual LC interface. Single mode dual fiber, 1310nm. Transmission distance is 20km. Working voltage is 3.3V. Support DDM and hot plugging.	PC
	1315A-LC	1.25G SFP module, single LC interface. Single mode single fiber, 1310nm(transmitter), 1550nm(receiving). Transmission distance is 20km. Working voltage is 3.3V. Support DDM and hot plugging.	PC
	1315B-LC	1.25G SFP module, single LC interface. Single mode single fiber, 1550nm(transmitter), 1310nm(receiving). Transmission distance is 20km. Working voltage is 3.3V. Support DDM and hot plugging.	PC
	1315A-SC	1.25G SFP module, single SC interface. Single mode single fiber, 1310nm(transmitter), 1550nm(receiving). Transmission distance is 20km. Working voltage is 3.3V. Support DDM and hot plugging.	PC
	1315B-SC	1.25G SFP module, single SC interface. Single mode single fiber, 1550nm(transmitter), 1310nm(receiving). Transmission distance is 20km. Working voltage is 3.3V. Support DDM and hot plugging.	PC
Ethernet Module	SFP/TP	1.25G Ethernet module , cover SFP to 10/100/1000M RJ45 port	PC