

PS-I20432

工業級超寬溫光電網路交換器



- 可選用PD支援高達90W的BT受電標準整機提供總功率可達150W以上
- 具自動匹配24V/48V供電
- 具寬電壓輸入12-57V,反接/短路/浪湧保護機制
- 具多功能自我檢查網絡監測功能獨具輸入電壓監測和警告指示
- 具工業級專用管理界面,高效管理網絡
- 具環境濕度、溫度監測性能高防護等級,無懼各種惡劣環境
- 高達6KV雷擊保護高達8KV的ESD靜電保護IP40防護:減少粉塵影響
- 特有一鍵組建環網網絡(自癒時間<5ms)
- 快速應用特有輸出輸入報警控制和管理特有第二層全功能網絡管理
- 具有先進的PoE看門狗功能金屬外殼
- 堅固耐用小尺寸、更好的適應工業環境多種安裝方式導軌式安裝+壁掛安裝
- 可選購SC LC 單多模光化模組

Downlink Port	4*10/100/1000Base-TX RJ45 port(Data)
Uplink Port	2*1000M SFP
Console Port	1
Reset Key	1
Power Input	2 group of independent power input SW:DC12-57V
Environment Detection	1 group of input detection of environment temperature and humidity

<p>Function Interface(only for enhancement model)</p>	<p>1 switch for quick formation of ring network</p> <p>2 group of independent power input, having under- and over-voltage protection</p> <p>1 group of wide voltage alarm input at a range of DC5-57V</p> <p>1 group of alarm output and relay output, can define various custom condition trigger</p> <p>1 group of environmental temperature and humidity detection, can make real-time monitoring of the environment</p> <p>Real-time system of crucial voltage monitoring and alarm output function</p> <p>Real-time system temperature,environment temperature,humidity and alarm output function</p> <p>Real-time detection and display of input voltage,current,power</p> <p>Multiple custom port control and intelligent management</p>
<p>Network protocol</p>	<p>IEEE 802.3x</p> <p>IEEE 802.3 、IEEE 802.3u 、IEEE 802.3ab 、IEEE 802.3z</p> <p>IEEE 802.3ad</p> <p>IEEE 802.3q 、IEEE 802.3q/p</p> <p>IEEE 802.1w 、IEEE 802.1d 、IEEE 802.1S</p> <p>IEEE 802.3z 1000BASE-X</p> <p>STP(Spanning Tree Protocol)</p> <p>RSTP/MSTP(Rapid Spanning Tree Protocol)</p> <p>EPPS ring network protocol</p> <p>EAPS ring network protocol</p>
<p>Port Specification</p>	<p>1-4 port 10/100/1000BaseT (X) auto detection, AUTO-MDI/MDI-X</p>
<p>Transmission Mode</p>	<p>Store and Forward(full wirespeed)</p>
<p>Bandwidth</p>	<p>56Gbps</p>
<p>Packet Forwarding</p>	<p>14.44Mpps</p>
<p>Jumbo frame</p>	<p>10KB</p>
<p>MAC</p>	<p>8K</p>
<p>Buffer</p>	<p>4.1M</p>
<p>Transmission Distance</p>	<p>10BASE-T : Cat3,4,5 UTP(≤250 meter)</p> <p>100BASE-TX : Cat5 or later UTP(≤100 meter)</p> <p>1000BASE-TX : Cat6 or later UTP(≤1000 meter)</p> <p>1000BASE-SX:62.5μm/50μm MMF(2m~550m)</p> <p>1000BASE-LX:62.5μm/50μm MM(2m~550m) or 10μm SMF(2m~5000m)</p>

FLASH	16M
RAM	128M
Watt	Standby power consumption≤ 5W; Full-load power consumption≤ 15W
LED Indicator	9 10:(SFP LED) Port 1-8(Green=100M; Green+Orange=1000M) PWR:(Power/system LED) V1:(Master power LED) V2:(Slave power LED) HW:(Ring network ON LED)
Operating Temperature/Humidity	-40~+80°C ; 10%~90% RH No coagulation
Storage Temperature/Humidity	-40~+85°C ; 5%~95% RH No coagulation
Lightning Protection Level	6KV 8/20us ; 8KV ESD IP40
Product Size (L*W*H)	157mm*115mm*40mm
N.W(kg)	0.7kg
Installation	DIN guide rail type(additional wall hangers)
Certificate	CE mark, commercial : CE/LVD EN60950 ; FCC Part 15 Class B ; RoHS ;

Software Function	
Monitoring Platform	<p>Quick formation of ring network</p> <p>System temperature monitoring and alarm</p> <p>External temperature and humidity monitoring and alarm</p> <p>Input power monitoring and alarm</p> <p>System each channel key voltage monitoring and alarm</p> <p>System total current,total power monitoring and alarm</p> <p>All-Port network monitoring and alarm</p> <p>Support one group input and output signal monitoring and alarm</p>
Network Protocol	<p>IEEE 802.3x</p> <p>IEEE 802.3 、 IEEE 802.3u 、 IEEE 802.3ab 、 IEEE 802.3z</p> <p>IEEE 802.3ad</p> <p>IEEE 802.3q 、 IEEE 802.3q/p</p> <p>IEEE 802.1w 、 IEEE 802.1d 、 IEEE 802.1S 、 IEEE 802.1X</p>
MAC	Support 16K MAC address,auto aging and learning
VLAN Configuration	<p>Support port-based VLAN</p> <p>Up to 4096 VLANs</p> <p>Support Voice VLAN, can configure Qos for voice data</p> <p>802.1Q</p>
Spanning Tree	<p>STP(Spanning tree protocol)</p> <p>RSTP/MSTP(Rapid spanning tree protocol)</p> <p>EPPS/EAPS(Ring network protocol)</p> <p>802.1x</p>
Port Aggregation	Support 8 groups of aggregation, each group support up to 8 ports;
Port Mirroring	Support many-to-one port mirroring
Loop Guard	Support loop protection, real-time detection, quick alarm, concise location, Intelligent blocking, automatic recovery
Port Isolation	Support downlink ports isolate from each other and communicate with uplink port as well
Flow Control	<p>Half duplex based on Back pressure;</p> <p>Full duplex based on PAUSE frame</p>
Speed Limitation	Bandwidth management based on port input and output
	IGMPv1/2/3 and MLDv1/2 Snooping

Multicast Control	GMRP protocol registration Multicast address management, multicast VLAN, multicast routing port, static multicast address
DHCP	DHCP Snooping
Storm Suppression	Support unknown unicast, multicast , unknown multicast, broadcast type storm suppression Storm suppression based on bandwidth adjustment and storm filtering
Security	Support User port+IP address+MAC address ACL based on IP, MAC Support security properties of number of MAC address based on port
QOS	802.1p port queue priority algorithm Cos/Tos,QOS remark WRR(Weighted Round Robin), weighted priority rotation algorithm WRR、SP、WFQ priority scheduling modes
Cable Sequence	Auto-MDIX; auto detection on straight-through and cross-over cable
Negotiation Mode	Port support auto negotiation function(self-negotiation transmission rate and duplex mode)
System maintenance	Upgrade package upload System log viewing WEB recovery factory configuration
PoE Function (only for PoE models)	Port switch Schedule arrangement, timing switch Voltage, current, power display System total power display and configuration PoEdog: support auto reset, timing reset and ip binding reset when device failed Port power configuration(AF.AT HiPoE.BT) Indication of over power Port PoE type configuration(48V/24V power supplying)
Network Management	WEB interface management CLI management based on Telnet、TFTIP、Console SNMP V1/V2/V3 management RMONV1/V2 management

	RMON management
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