

UPS Industrial Outdoor PoE Managed Switch

8Port Full Gigabit PoE + 2Gigabit SFP Uplink

Model:OX-GIPS5210B-M2S-UPS



- * Integrated PoE Switch
- * Waterproof Case
- * Power Adaptor
- * Air Breaker
- * Surge Protector
- * Cooling Fan
- * Optical Fiber Tray
- * Outdoor Water Proof IP55
- * Working Temperature -20 - 75°C
- * With UPS Battery

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Industrial Outdoor Gigabit Ai-PoE Switch 8GE PoE+2SFP Uplink With L2 Management



OX-GIPS5210B-M2S-UPS is an industrial PoE switch independently developed by Oxion , supporting IEEE 802.3af / at power supply standard, providing 8 PoE power supply ports. At the same time , This series of switches has rich products, flexible port and unique industrial grade special management interface. It provides a comprehensive security protection system, It has simple management and maintenance, and can meet the use needs of various industrial fields. Compared with ordinary switches, it has stronger protection performance and hardware configuration, and can meet the application of high-density intelligent management PoE power supply network in complex and harsh environments such as factories and mines, industrial automation, transportation, infrastructure, ports and farms, With UPS Model have built –in Battery in case of main power failure

Key Features

- 8*10/100/1000M Giga PoE ports and 2*1000M SFP uplink ports.
- The maximum PoE power of single port is 30W, and the maximum PoE power of the whole machine is 200W.
- Provides three modes of VLAN to adapt to various complex environments.
- Supports PoE Auto-check function, which is specially designed to solve the problems of equipment frozen. It can automatically detect the frozen PD equipment and restart the ports' output of PSE, and restart the PD device. It greatly reduces the maintenance difficulty of engineering.
- 6KV surge protection, 6KV contact / 8KV air ESD protection.
- SC PC Fiber Splice Termination Box
- The box adopts waterproof (protection level IP55), anti-rust treatment, suitable for long time outdoor use.

PoE Power Supply / Battery Function

- According to IEEE 802.3af/at PoE power supply standard, the maximum PoE output power of the whole machine is 240W, single port for the maximum PoE output power is 30W
- Automatic identification of PoE equipment for power supply without damaging non PoE equipment
- 48V2.6AH lithium iron phosphate battery included UPS model
- if AC power down, 200W load go on 10~15 minute at temperature

The equipment is stable and reliable

- OXION independent research and development of power supply, high redundancy design, to provide long-term stable PoE power output.
- The equipment meets the national CCC standard, fully meets the safety requirements, and is safe and reliable.

Easy to use

- Plug and play.
- Dynamic LED indicator provides simple working status prompt and troubleshooting.

Complete set of accessories

- Pole Mounting Ring
- User manual
- Wall /Pole Mount Bracket

Industrial Outdoor Gigabit Ai-PoE Switch
8GE PoE+2SFP Uplink
With L2 Management



Hardware specification

Parameter	Specifications
Model	OX-GIPS5210B-M2S-UPS
Power input	AC 100~240V, 50/60Hz, 10A
AC output	controlled AC output 1 channels; support for remote control of single channel; support shows the single circuit voltage and the current value;
Consumption	Self-consumption<15W, PoE output 285W max
Ethernet ports parameter	1~8 ports: 10/100/1000Base-T 30W PoE RJ45(IEEE802.3af/at) 9~10 ports: 1000M SFP slots
Console port	RJ45 to serial port (38400,8,N,1)
Reset key	Short press restart , >5s press recovery to default
Cable and distance	Use cat5e/6, 100m max.
Backup power	if AC power down, 200W load go on 10~15 minute at temperature
Battery	48V2.6AH lithium iron phosphate battery
Standard	IEEE802.3, IEEE802.3u, IEEE802.3z
Switch fabric	20Gbps
Though put	14.88Mpps
Buffer	1M
MAC address table	8K
Indicator	Power: 1 *red ; Downlink 1~8: On RJ45 green LEDs indicate Link/Act, yellow LEDs indicate PoE Uplink9, 10: On RJ45 green LEDs indicate Link/Act
Protection	Surge: 6KV, standard: IEC61000-4-5 ESD: 6KV: contact 8KV: air, standard:IEC61000-4-2
ESD	6KV: contact / 8KV: air, standard:IEC61000-4-2
Working temperature	-20°C~65°C
Storage temperature	-40°C~85°C
Humidity	0~95%(No condensation)
Dimension(LxWxH)	350mmx220mmx260mm
Material	Metal
Color	White
Net-weight	8KG

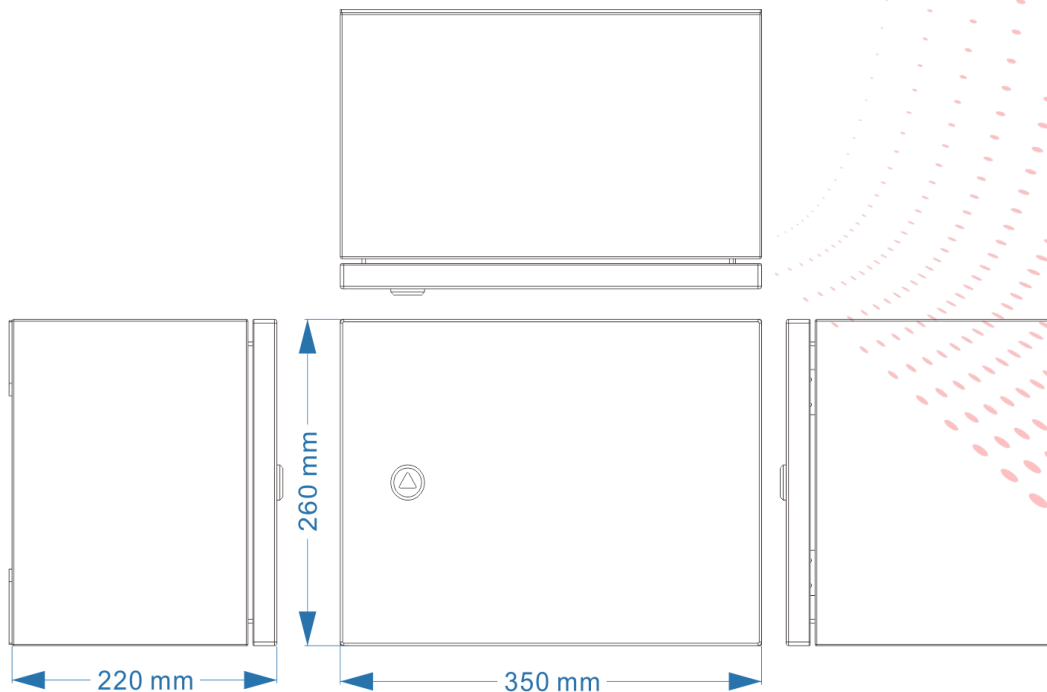
Software Specification:

L2 Features	Port configuration	Auto-negotiation
		Flow Control
		Port Mirror
		Traffic statistics
	Link Aggregation	Static link aggregation
		LACP
		Algorithm based on Source/Destination MAC
		Algorithm based on Source/Destination IP
		8 groups
		8 ports per group
	MAC Table	Aging Time
		Static MAC address
		Dynamic MAC address management
	VLAN	4K Active VLANs
		4K VID
		802.1Q Tag VLAN
		Port VLAN
		Protocol VLAN
		MAC VLAN
		Management VLAN
		Voice VLAN
		Q-in-Q
		Private VLAN
		GARP/GVRP
	ACL	64 ACLs
		L2, L3 e L4
		Time-based ACL
	Spanning tree	802.1D Spanning Tree Protocol (STP)
		802.1w Rapid Spanning Tree Protocol (RSTP)
		802.1s Multiple Spanning Tree Protocol (MSTP)
		Loop Guard
		Root Guard
TC-BPDU Guard		
BPDU Guard		
BPDU Filter		

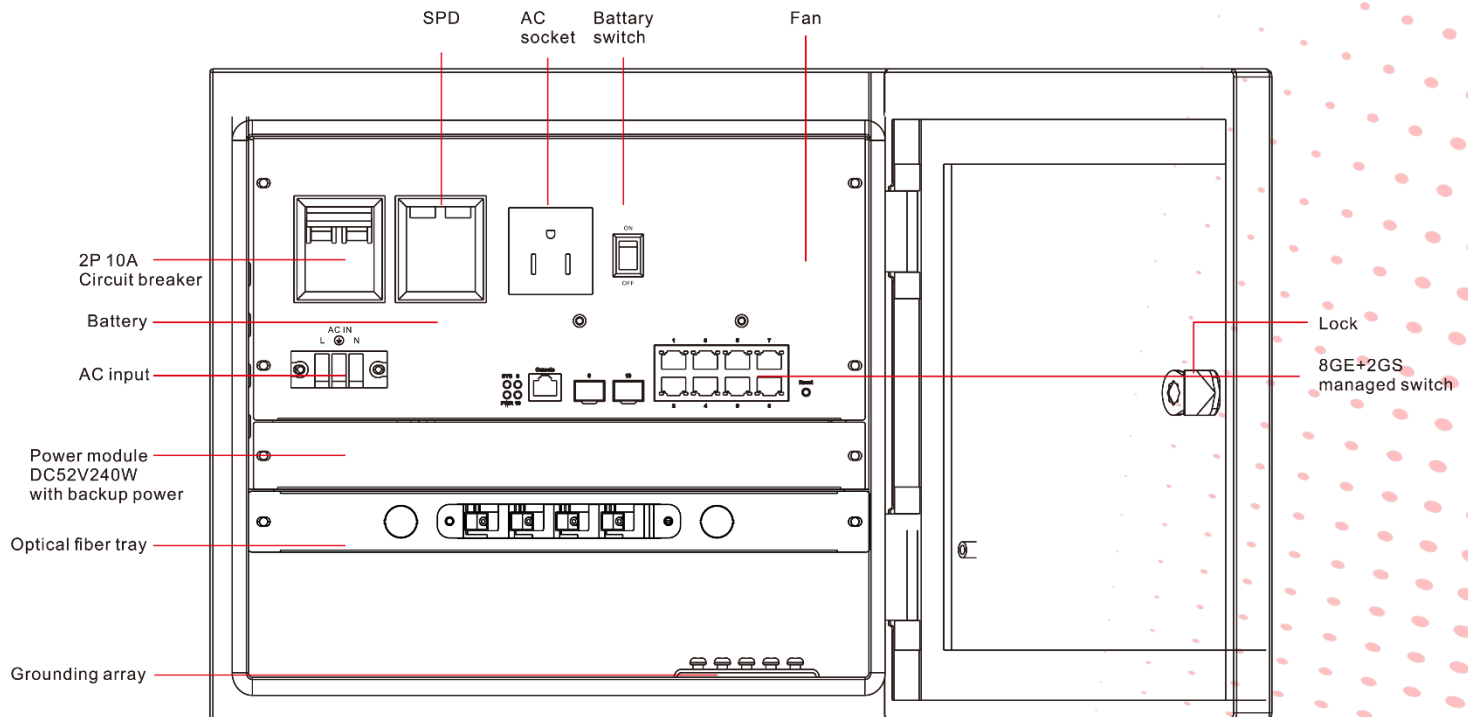
	Multicast	256 groups
		IGMP v1/v2/v3
		Fast Leave
		Multicast VLAN
		Static Multicast
		Multicast Filter
		IGMP Statistics
		MLD Snooping
	PoE management	Support total power consumption control
		Support single port PoE ON/OFF
		Support port output priority
	QoS	4 priority queues
		QoS port-based
		QoS 802.1p-based
		QoS DSCP-based
		Scheduling algorithms SP, WRR, SP+WRR
		Storm Control (Broadcast, Multicast, Unknown Unicast)
Bandwidth control per port		
Security Features	Port Security	
	MAC address filter	
	ARP Association (Manual, ARP scanning, DHCP snooping) up to 200 entries	
	ARP Protection	
	DoS (Denial of Service)	
	Classification of packages based on: End.MAC, IP End, TCP / UDP Ports, Protocol Type	
	802.1x Authentication (port-based e MAC-based)	
	TACACS/TACACS+ Authentication	
	RADIUS Authentication	
	DHCP Filter	
	Guest VLAN	
	SSLv2/SSLv3/TLSv1	
	SSHv1/SSHv2	
	Restriction of WEB access based on: IP Address, And. MAC and Port	
	Port Isolation	
	Local User Name Password Authentication (2 levels)	
Loopback detection		

Management	SNMP v1/v2c/v3
	RMON 4 groups
	WEB (HTTP/HTTPS)
	CLI (Telnet, Console, SSHv1/v2)
	Firmware upgrade via console/web/TFTP
	Configuration Backup/Reload
	All possible configurations in the CLI must exist in the WEB interface
	LLDP
Other Features	DHCP Relay
	DHCP Client
	DHCP Snooping
	DHCP Option 82
	SNTP Client
	BOOTP Client
Maintenance	Ping and Tracer
	System log (Local and Remote)
	Memory and CPU Monitoring

Product Overview



Product Overview



Ordering Information

Model	Description
OX-GIPS5210B-M2S-UPS	Outdoor PoE switch AC 100~240V, 50/60Hz, 10A IN; With 8 *10/100/1000M PoE ports and 2*1000M SFP ports; Support 8 ports PoE power each up to 30W; It has 200W built-in power supply, L2 network management; 48V2.6AH lithium iron phosphate battery

ALL IN ONE UPS POE SWITCH

8Port Full Gigabit PoE + 2Gigabit SFP Uplink

OXION[®]

simplify your business network



PoE Switch



Power Supply



Fiber patch panel



Circuit Breaker



Power Socket



Surge protector



Backup Battery



Cooling Fan

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