

Professional PoE Managed Switch Designed for the CCTV industry

POESW24R2



PoE/PoE+	Normal Mode	Managed	Protection	Total Power Budget
30W	100m 1000Mbps		6KV	≤390W

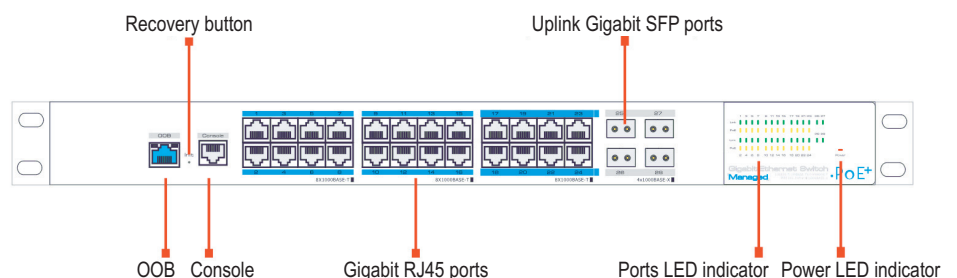
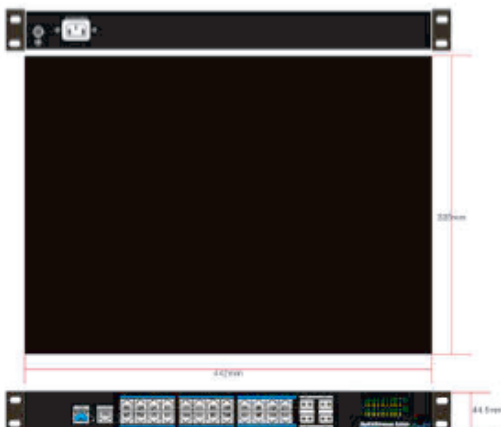
24 Gigabit PoE Ports Managed Ethernet Switch

KEY FEATURES

- Provides 24* Gigabit PoE RJ45 ports, 4* Gigabit uplink SFP ports
- Provides web-based layer 2 network management and PoE management by simple operation
- Supports high-speed data forwarding, very suitable for large flow of video data forwarding in security surveillance
- Supports Fast-Ring
- Supports temperature-controlled fan
- Quick Installation, simple operation, convenient for wall/desk/rack installation

POESW24R2 is a L2 managed PoE switch, which provides 24* Gigabit PoE downlink ports, 4* Gigabit SFP uplink ports. The switch comply with IEEE 802.3 af/at (PoE+), the total PoE power budget can be up to 390W which is adequate to power supply for HD IP camera and Gigabit wireless access point, makes it an ideal choice for HD security surveillance network and high-speed wireless network construction projects.

It supports abundant L2 functions such as PoE management, 802.1Q VLAN, DHCP snooping, 802.1x Authentication, Dual IPv4/IPv6 stack, IGMP Snooping, STP/RSTP, Link Aggregation (Dynamic and Static), ACL, Port mirroring, SNMP v1/v2/v3, etc. It also supports multiple configuration modes, such as Web, CLI and SNMP, and multiple access methods, including HTTP, HTTPS, Telnet and SSH V2. Due to the advanced L2 functions such as ACL and MAC binding VLAN function, the switch and compliant devices can be protected against broadcast storms, which guarantee a safe operation. Quality of Service (QoS) ensures stable and smooth data transmission.



Item	POESW24R2
Copper Ports	24* 10/100/1000 Base-T PoE RJ45 (Auto-MDI/MDI-X)
SFP Ports	4* 1000 Base-X SFP (Mini-GBIC)
Console Port	1* RJ45-R232 serial port (115200, 8, N, 1)
OOB Port	1* 10/100 Base-TX RJ45 (only used to Web management) default IP:192.168.1.200 name:admin password:admin)
Unit Button	Short press: restart; >5s Press: restore factory settings
Network Standard	IEEE802.3 , IEEE802.3u, IEEE802.3ab, IEEE802.3Z, IEEE802.3X, IEEE 802.1Q IEEE 802.1p IEEE 802.3ad, IEEE 802.1D, IEEE 802.1X
Exchange Capacity	56Gbps / non-blocking
Packet Forwarding Rate	41.7Mpps
Operation Method	Store and Forward
Buffer Memory	12Mbit
MAC Address Table	16k MAC address table with auto learning function
Jumbo Frame	10k bytes
PoE Standard	IEEE802.3af 15.4W, IEEE802.3at 30W
PSE Type	End-span
Power Pin Assignment	1/2(+), 3/6(-)
Power Supply	Internal power adapter, AC 100-240V 50/60Hz
Power Consumption	<420W (PoE consumption) PoE budget: 390W
Lightning protection	6kV, Execute: IEC61000-4-5
ESD	6kV: Contact discharge 8kV: Air discharge Execute: IEC61000-4-2
Working Temperature	-10°C ~ 50°C / 14°F ~ 122°F
Storage Temperature	-40°C ~ 85°C / -40°F ~ 185°F
Humidity	5% ~ 95% (Non-condensation)
Dimension (LxWxH)	442mm x 320mm x 44.5mm / 17.4" x 12.6" x 1.75"
Weight	4.35kg / 9.59lb
Certificates	CE, FCC, ROHS

Software Features		POESW24R2
Interface Management		Support port isolation
		Support port rate settings
		Support port storm suppression
		Support IEEE802.3x flow control
		Support port traffic statistics
		Support auto negotiation
	Logic Interface	Loopback detection
VLAN	VLAN Partition	VLAN based on port, VLAN based on MAC, GVRP, QinQ
		Protocol VLAN, Private VLAN, multicast VLAN
	VLAN Communication	VLAN intercommunication
		VLAN isolation
VLAN Port Type	Access, Hybrid	
MAC	Static MAC	
	MAC Black hole	
	Dynamic MAC	MAC address aging configuration
		MAC address learning limit
Multicast MAC	Multicast MAC	
Link Aggregation	Dynamic Aggregation	
	Static Aggregation	
Loopback Protection	STP/RSTP, ERPS v1, v2 (G.8032)	
IP Features	IP address: Classful IP address, classless IP address	
	IPv6 address configuration	
DHCP	Host DHCP service	DHCP pool
	DHCP relay	DHCP snooping option 82

Software Features (Continues)		POESW24R2
IGMP Features	IGMP snooping	
	GMRP	
QoS	Support 802.1p CoS/DSCP priority	
	Support 8-Level priority management for switching	
	Support WRR, PQ, DRR, WFQ, ACL based on ports and queues	
PoE Management	Support total power consumption control	
	Support PoE ON/OFF	
	Support single port 30W max. Power change and port output priority	
Safety Character	802.1x	IEEE 802.1X Port/MAC based authentication, Radius
		Support MAC address auto-learning, aging & filter
		Support port isolation, port speed-limited
	ACL	Basic ACL, advanced ACL
	System Log	Local system log management Remote System Log Management
	Mirroring	Port mirroring
System Management & Maintenance	Support WEB-based management, including HTTP and HTTPS Support CLI-based management Configuration through Telnet, SSH V2	
	Tracert v4	
	SNMPv1/v2/v3 management SNMP Trap	
	Support TFTP-client	
	NTP/SNTP	
	Link layer discovery protocol (LLDP)	
IPv6	Dual IPv4/IPv6 stack	
	Ping IPv6, WEB IPv	
	ICMPv6	
	DHCPv6 snooping, DHCPv6 client	
	IPv6 ACL	

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