



DATASHEET

CY-S2024-420

Data sheet

24Ports Full Gigabit PoE Managed Switch

Full Gigabit L2 Management



- ☒ Provide 24* PoE Gigabit downlink Ethernet ports, 2 * Gigabit uplink optical fiber ports and 2 * Gigabit uplink Ethernet ports;
- ☒ Provide web-based layer 2 network management and PoE management by simple operation;
- ☒ 250m connection distance can be reached by setting bandwidth to 10 Mbps (maximum bitrate);
- ☒ Support high-speed data forwarding, very suitable for large flow of video data forwarding in security surveillance;
- ☒ Support recovery of IP address & user password by one key recovery button;
- ☒ Quick Installation, simple operation, convenient for wall/desk/rack installation. Quick installation, easy operation, convenient for desktop and standard 19-inch rack installation.

Introduction

The S2024-420 is a 24 ports full Gigabit managed PoE switch, which provide 24 * PoE Gigabit downlink Ethernet ports, 2* Gigabit uplink optical fiber ports and 2 * Gigabit uplink Ethernet ports. The Products support IEEE 802.3 af/at, support Web layer-2 network management and PoE management. Products are widely used in security surveillance, network engineering projects and so on.

Specification

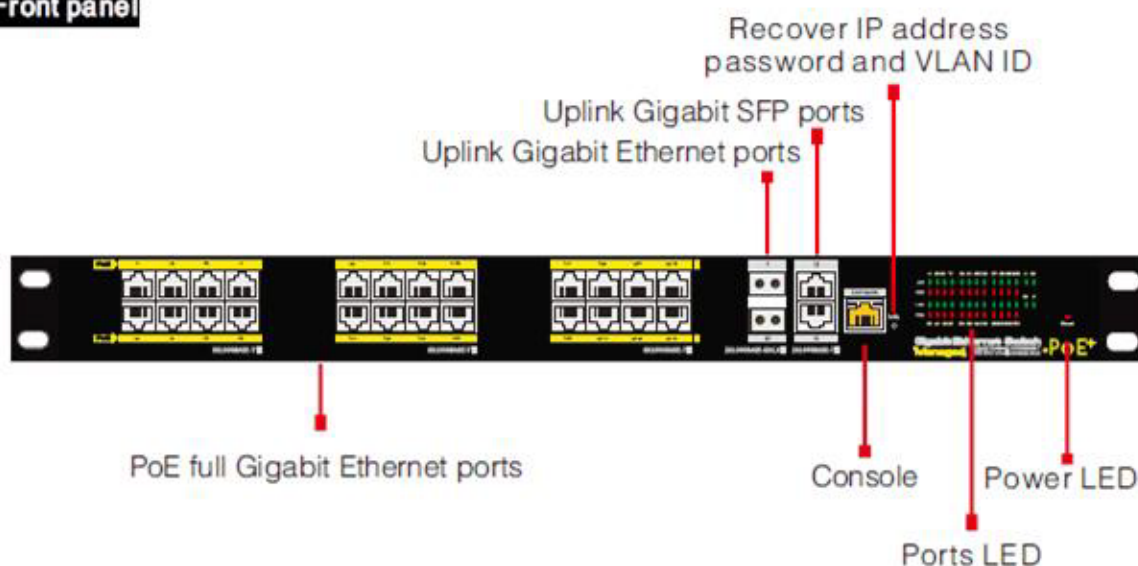
Model	S2024-420
Downstream Ports	24 * 10 / 100 / 1000Base-TX (PoE)
Uplink Ports	2 * 10 / 100 / 1000 Base-TX and 2 * Base-X/SFP
Network Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3X, IEEE802.1Q, IEEE802.1p, IEEE802.3ad
Switch Capacity	56 Gbps
Packet Forwarding Rate	41.66 Mpps
Switch Processing Scheme	Store and Transfer
Packet Buffer	12M
MAC Table	16K
PoE Standard	802.3af / at (PSE)
PSE Type	End span
Power Pin Assignment	1/2(+), 3/6(-)
PoE Power Output	PoE output of single port <30W (54 VDC); PoE output of total machine < 370W
PoE Budge	420 watts max
Lightning protection	6kV Execute: IEC61000-4-5
ESD	6kV Contact discharge 8kV Air discharge Execute: IEC61000-4-2
Power Supply	100-240 V AC @ 50/60 Hz
Power Dissipation	< 420 W (Including PoE)
Work temperature	-10 °C ~ 55 °C
Storage temperature	-40 °C ~ 85 °C
Humidity (Non-condensing)	0% - 95%
Dimension (L×W×H)	442 mm x 315 mm x 44 mm
Weight	4.35 kg
Regulator	CE, FCC, ROHS

Software parameters	
Port Management	<input checked="" type="checkbox"/> Support port enable/disable <input checked="" type="checkbox"/> Support port rate settings <input checked="" type="checkbox"/> Support port full-duplex mode <input checked="" type="checkbox"/> Support IEEE802.3X Flow control <input checked="" type="checkbox"/> Support port name change
VLAN	<input checked="" type="checkbox"/> Support 4k VLAN <input checked="" type="checkbox"/> Support 802.1Q protocol-based VLAN <input checked="" type="checkbox"/> Support port-based VLAN
QoS	<input checked="" type="checkbox"/> Support QoS <input checked="" type="checkbox"/> Support 8-Level priority management for switching <input checked="" type="checkbox"/> Support WRR <input checked="" type="checkbox"/> Support 802.1P and DSCP priority
Multicast Management	<input checked="" type="checkbox"/> Support SNMP V1/V2/V3 protocol <input checked="" type="checkbox"/> Support IGMP Snooping
PoE Management	<input checked="" type="checkbox"/> Support total power consumption control <input checked="" type="checkbox"/> Support PoE ON / OFF <input checked="" type="checkbox"/> Support Single port 60W/30W max power change and port output priority
Safety Character	<input checked="" type="checkbox"/> Support IP, MAC, port, VLAN combination and binding <input checked="" type="checkbox"/> Support MAC address auto-learning, aging & filter <input checked="" type="checkbox"/> Support port isolation, port speed-limited <input checked="" type="checkbox"/> Support RSTP <input checked="" type="checkbox"/> Support 5 groups of 8-port trunk <input checked="" type="checkbox"/> Support RADIUS authentication & 802.1X authentication
System Management & Maintenance	<input checked="" type="checkbox"/> Support WEB management, CLR Settings and telnet settings <input checked="" type="checkbox"/> Support CLR Settings <input checked="" type="checkbox"/> Support FTP/TFTP/HTTP web upgrading <input checked="" type="checkbox"/> Support flow calculate <input checked="" type="checkbox"/> Support MAC address form search <input checked="" type="checkbox"/> Support IP address, DNS server change <input checked="" type="checkbox"/> Support username & password change <input checked="" type="checkbox"/> Support history record, journal management <input checked="" type="checkbox"/> Support system settings backup <input checked="" type="checkbox"/> Support factory default settings and restart

Designation	Quantity
S2024-420	1
Power Adapter	1
Accessory	1
User Manual	1

Port configuration

Front panel



Back panel



