



DATASHEET
CY-S7024



Data sheet
S7024

24Ports Full Gigabit Managed Core Switch

Full Gigabit L2 Management // Modular design



- ☒ Provide 24+4 gigabit RJ45 ports or SFP ports, 2 RJ45 & 2 SFP fixed ports , three 8 ports pluggable modules optional;
- ☒ Flexible modular design, provides 8 gigabit SFP ports, 8 gigabit RJ45, 4 gigabit SFP & 4 gigabit RJ45, three pluggable modules optional;
- ☒ Provide network manage console port, support network management operation based on port VLAN;
- ☒ Support IEEE802.3 10BASE-T, IEEE802.3u 100BASE-TX, IEEE802.3ab 1000BASE-T, IEEE802.3z 1000BASE-SX/LX, IEEE802.3 X;
- ☒ Support IEEE802.3 X full duplex flow control; Support Auto MDI/MDIX function;
- ☒ Standard 19 inch 1U Chassis design;
- ☒ AC100V-240V input, built-in redundant power supplies;
- ☒ Support 3 level lightning protection, ESD and anti-interference.
- ☒ Fast installation, simple operation, easy to hang a wall, desktop and machine cabinet installation.

Introduction

This is 28 ports managed modular gigabit Ethernet switch. It provides fixed two gigabit RJ45 ports and two 1000BASE-FX SFP ports. And 8 SFP ports, 8 RJ45 ports, 4 SFP & 4 RJ45 pluggable modules optional, It can configuration the optional port number of RJ45 or SFP freely as customer's request. The use of this product is very convenient in the IP CCTV, network project, etc.

Specification

Model	S7024
Downstream Ports	24 * 10 / 100 / 1000Base-TX
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	70 Gbps
Packet Forwarding Rate	42 Mpps
Switch Processing Scheme	Store and Transfer
Packet Buffer	12M
MAC Table	16K
Power Pin Assignment	1/2(+), 3/6(-)
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	< 60 W
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	3.78 kg
Regulator	CE, FCC, ROHS

Modules

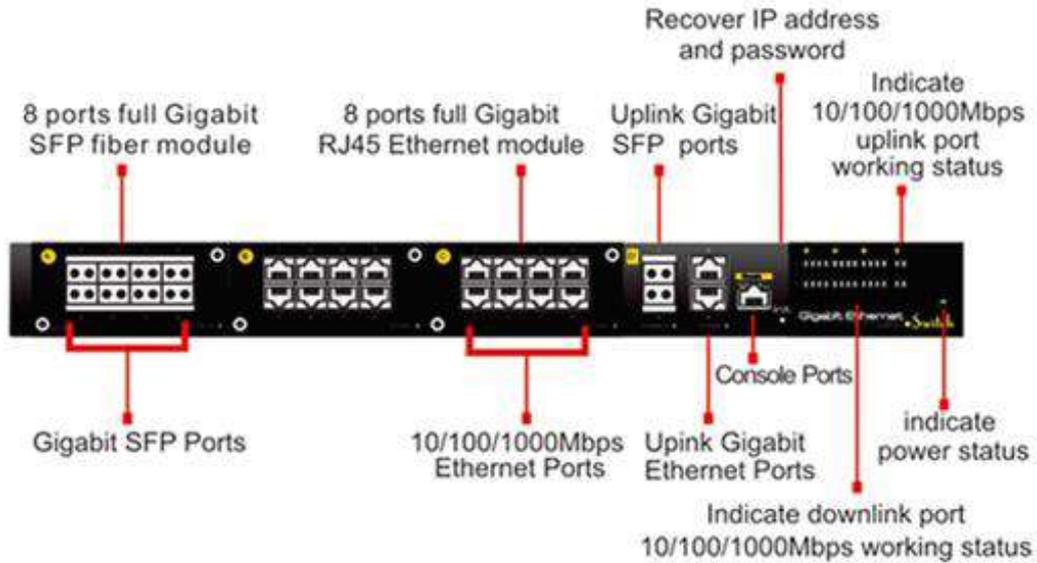
Model S7024-8F	Model S7024-8F
8 Port Full Gigabit RJ45 Ethernet Module 8 x 10 / 100 / 1000 Mbps Ethernet Ports	8 Port Full Gigabit SFP Fiber Module 8 x Gigabit SFP ports
	

Software parameters	
Port Management	<ul style="list-style-type: none"> <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	<ul style="list-style-type: none"> <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	<ul style="list-style-type: none"> <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 820.1P and DSCP priority
Multicast Management	<ul style="list-style-type: none"> <input checked="" type="checkbox"/> Support SNMP V1/V2/V3 protocol <input checked="" type="checkbox"/> Support IGMP Snooping
Safety Character	<ul style="list-style-type: none"> <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	<ul style="list-style-type: none"> <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
S7024	1
Power Adapter	2
Accessory	1
User Manual	1

Port configuration

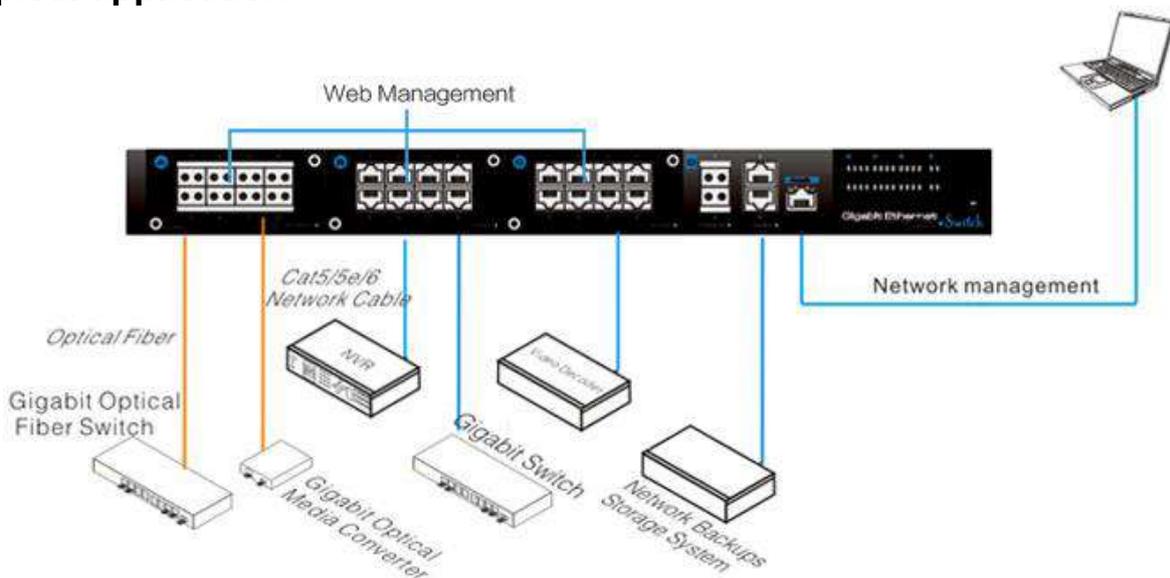
Front panel



Back panel



Typical application



CYGNUS 
electronics