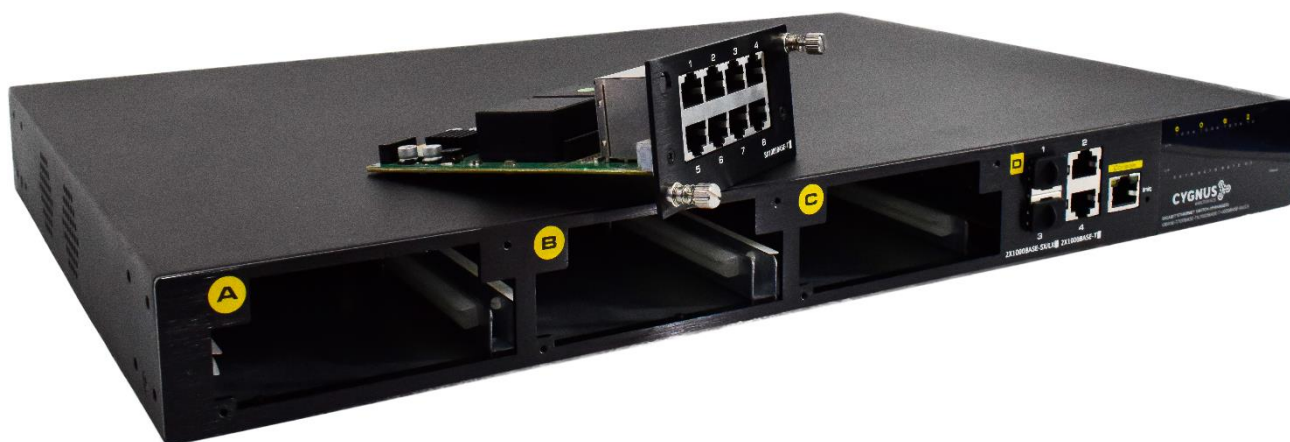


## 24Ports Full Gigabit Managed Core Switch

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 (LxWxH)	442 mm x 315 mm x 44 mm
Weight	3.78 kg
Regulator	CE, FCC, ROHS

## Modules

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

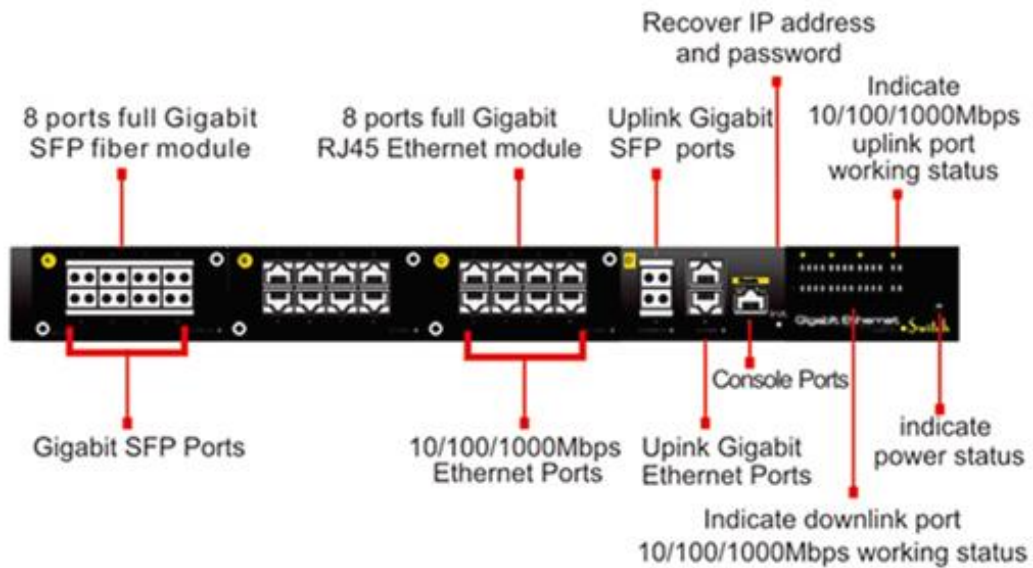


<b>Software parameters</b>	
<b>Port Management</b>	<ul style="list-style-type: none"><li>• Support port enable/disable</li><li>• Support port rate settings</li><li>• Support port full-duplex mode</li><li>• Support IEEE802.3X Flow control</li><li>• Support port name change</li></ul>
<b>VLAN</b>	<ul style="list-style-type: none"><li>• Support 4k VLAN</li><li>• Support 802.1Q protocol-based VLAN</li><li>• Support port-based VLAN</li></ul>
<b>QoS</b>	<ul style="list-style-type: none"><li>• Support QoS</li><li>• Support 8-Level priority management for switching</li><li>• Support WRR</li><li>• Support 820.1P and DSCP priority</li></ul>
<b>Multicast Management</b>	<ul style="list-style-type: none"><li>• Support SNMP V1/V2/V3 protocol</li><li>• Support IGMP Snooping</li></ul>
<b>Safety Character</b>	<ul style="list-style-type: none"><li>• Support IP, MAC, port, VLAN combination and binding</li><li>• Support MAC address auto-learning, aging &amp; filter</li><li>• Support port isolation, port speed-limited</li><li>• Support RSTP</li><li>• Support 5 groups of 8-port trunk</li><li>• Support RADIUS authentication &amp; 802.1X authentication</li></ul>
<b>System Management &amp; Maintenance</b>	<ul style="list-style-type: none"><li>• Support WEB management, CLR Settings and telnet settings</li><li>• Support CLR Settings</li><li>• Support FTP/TFTP/HTTP web upgrading</li><li>• Support flow calculate</li><li>• Support MAC address form search</li><li>• Support IP address, DNS server change</li><li>• Support username &amp; password change</li><li>• Support history record, journal management</li><li>• Support system settings backup</li><li>• Support factory default settings and restart</li></ul>

<b>Designation</b>	<b>Quantity</b>
<b>S7024</b>	<b>1</b>
<b>Power Adapter</b>	<b>2</b>
<b>Accessory</b>	<b>1</b>
<b>User Manual</b>	<b>1</b>

## Port configuration

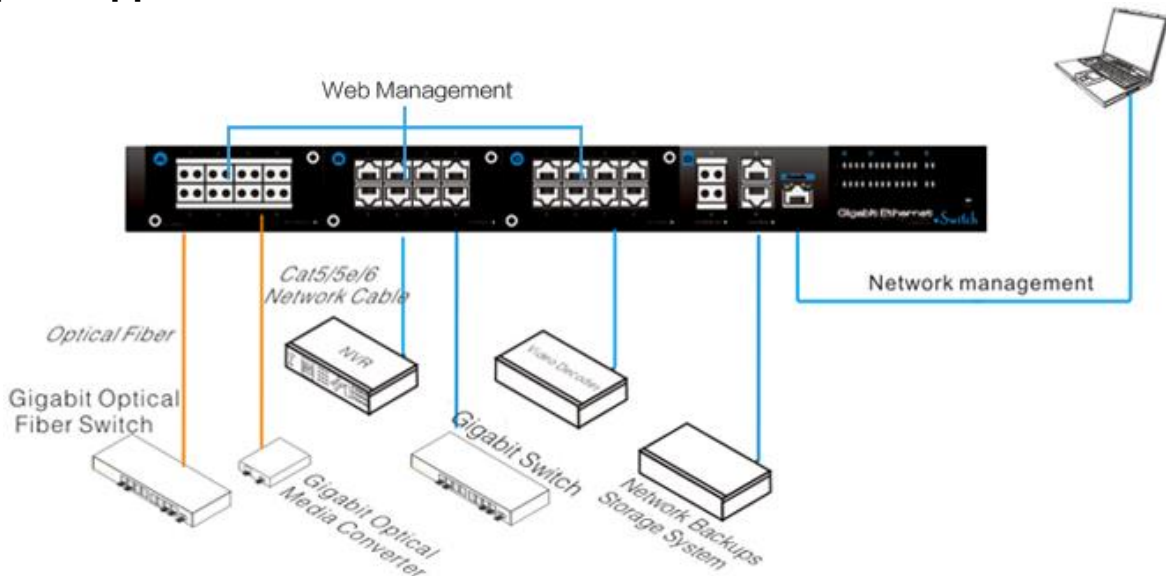
### Front panel



### Back panel



## Typical application



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