



DATASHEET  
**CY-S1008-120-V2**



Data sheet

**S1008-120**

## 8 Ports PoE Ethernet Switch

6kV Lightning Protection, Support PoE Management, 802.3af/at



- ☒ **Main Ports:** 8x downlink Fast PoE Ethernet ports, 2x Gigabit uplink Fast Ethernet ports;
- ☒ **Unique Feature:** one-key CCTV mode, which can restrain network storm, realize VLAN function and 1-8 downlink ports only able to communicate with uplink ports; the further transmission distance up to 250m in CCTV mode with 10 Mbps bitrate;
- ☒ **Power Input:** DC 48V~57V;
- ☒ **Standard:** IEEE802.3, IEEE802.3u, IEEE802.3 af, IEEE802.3at;
- ☒ **Protection:** Superior lightning protection (6kV), ESD protection and anti-interference ability;
- ☒ **Structure:** stable and delicate, easy to install;
- ☒ **Operation:** plug and play, no any settings needed.

### Introduction

The 8 ports PoE Ethernet Switch with 8 downlink PoE ports and double 1000Mbps uplink ports is a security surveillance Ethernet Switch which is applied in high definition network surveillance and security system. The product fully combines the characteristics of security surveillance. Besides, the 8 downlink PoE ports support IEEE802.3af/at standard, The ESD, 6KV lightning protection and surge protection circuits improve product stability. Also the device supports one key CCTV mode which realizes VLAN function, restrains the network storm, protects the information security, prevents the virus spread and cyber-attack, fully satisfies the Ethernet video security surveillance system and Ethernet project's needs .

## Specification

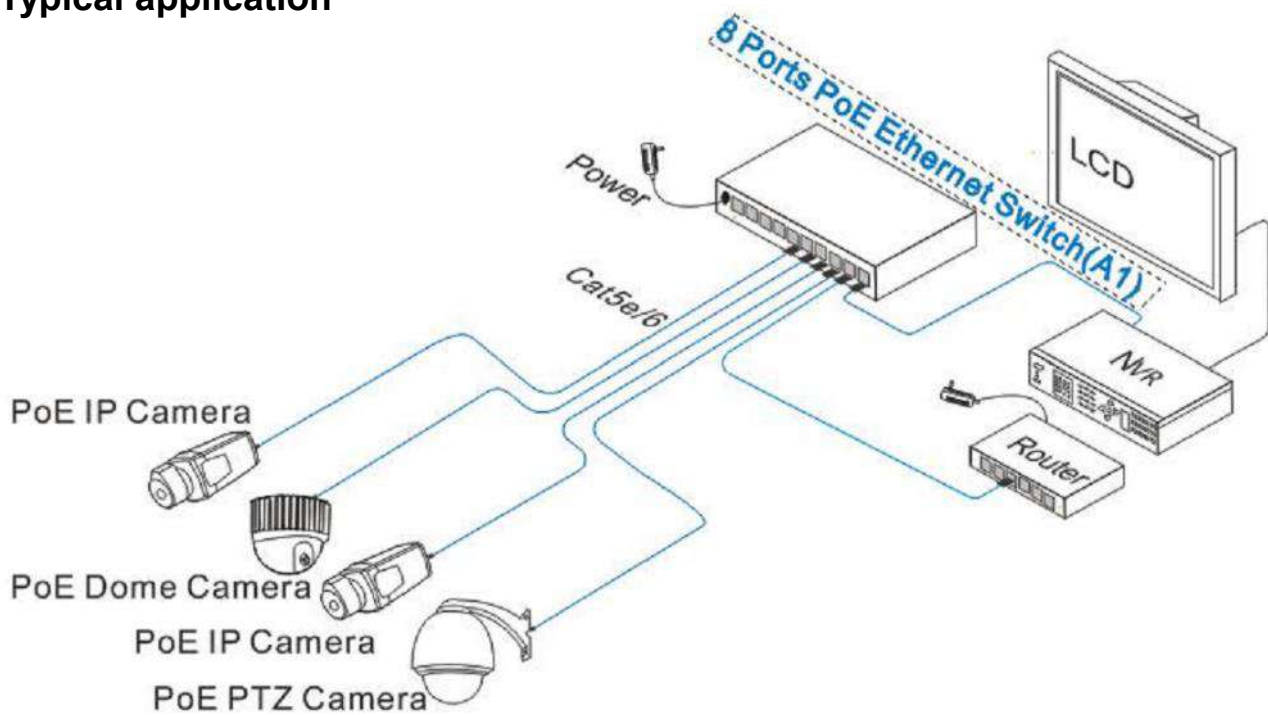
Model	S1008-120
Downstream Ports	8 * 10 / 100 Base-TX ( PoE )
Uplink Ports	2 * 10 / 100 / 1000 Base-TX
Network Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3X
Switch Capacity	5.6Gbps
Packet Forwarding Rate	4.2Mpps
Switch Processing Scheme	Store and Forward
Packet Buffer	1.5M
MAC Table	4K
PoE Standard	802.3af / at (PSE)
PSE Type	End-span
Power Pin Assignment	1/2(+), 3/6(-)
PoE Power Output	44-57 V DC, 30 watts max
PoE Budge	120 watts max
Lightning protection	6kV Execute: IEC61000-4-5
ESD	6kV Contact discharge 8kV Air discharge Execute: IEC61000-4-2
Power Supply	48-57 V DC
Power Dissipation	< 5W
Work temperature	-10 °C ~ 55 °C
Storage temperature	-40 °C ~ 85 °C
Humidity(Non-condensing)	5% - 95%
Dimension (L×W×H)	200 mm x 101.8 mm x 27 mm
Weight	500 g
Regulator	CE, FCC, ROHS

Designation	Quantity
S1008-120	1
Power Adapter	1
Accessory	1
User Manual	1

## Port configuration



## Typical application



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