



DATASHEET

S1008-120-W2

8 Ports PoE Ethernet Switch *WatchDog Series!*

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



- **Main Ports:** 8x downlink Fast PoE Ethernet ports, 2x Gigabit uplink 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 250 in CCTV mode with 10 Mbps bitrate;
- **PoE Watchdog** detect when the device is frozen or stopped, and reboot the PoE port for device restart;
- **PoE Power display:** 8 ports support LED display PoE working status;
- **Power Input:** DC 54V;
- **Standard:** IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.3af/at
- **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.

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

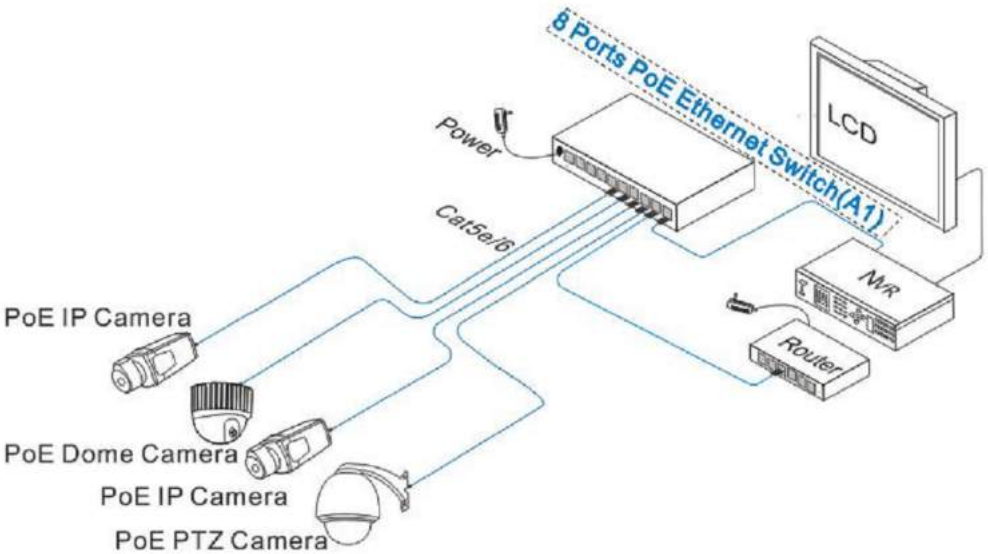
Model	S1008-120
Downstream Ports	8 * 10 / 100 Base-TX (PoE)
Uplink Ports	2 * 10 / 100 / 1000 Base-T
Network Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3X, IEEE802.3af/at
Switch Capacity	5.6Gbps
Packet Forwarding Rate	4.0544Mpps
Switch Processing Scheme	Store and Forward
Packet Buffer	4M
MAC Table	16K
PoE Standard	802.3af / at (PSE)
PsE Type	End-span
Power Pin Assignment	1/2(+), 3/6(-)
PoE Power Output	54V DC, 30 watts max
PoE Budge	110 watts max
PoE Power display	Support 8 LED digital tube to display machine PoE power usage
Three working modes	DEFAULT: all ports are free to communicate VLAN. 1~8 ports are isolated from each other, but can communicate with uplink ports CCTV: The transmission distance can be up to 250m, but the rate is limited up to 10Mbps
Lightning protection	6kV Execute: IEC61000-4-5
ESD	6kV Contact discharge 8kV Air discharge Execute: IEC61000-4-2
Power Supply	AC 110V-240V
Power Dissipation	< 120W (including PoE)
Work temperature	-10 °C ~ 50 °C
Storage temperature	-40 °C ~ 85 °C
Humidity(Non-condensing)	5% - 95%
Dimension (L×W×H)	294 mm x 180mm x 44 mm
Weight	1Kg
Regulator	CE, FCC, ROHS

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

Port configuration



Typical application



CYGNUS
electronics

