



DATASHEET  
**CY-S105**

# 5-Port Unmanaged Gigabit Switch

6KV Surge Immunity | 8KV ESD Protection | Three Operating Mode | Switching Loop Detecting

## CY-S105



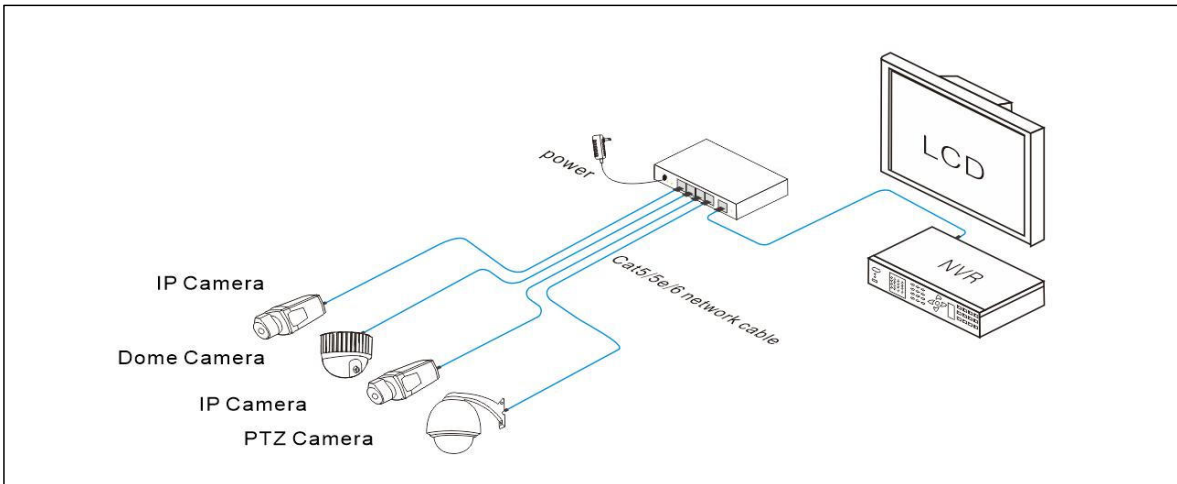
- 4\*10/100/1000Mbps RJ45 ports + 1\*10/100/1000Mbps Uplink RJ45 port.
- IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3x.
- Three operating modes (Default, VLAN, CCTV).
- Loop detection: loop fault, LED alarm prompts the user to check the loop port in real time
- Excellent performance of anti-interference, 6KV surge immunity & 8KV ESD protection.
- Plug and play.



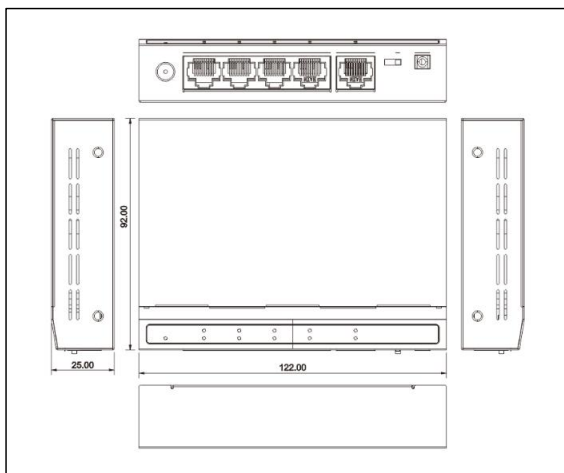
### Overview

The unmanaged gigabit switch is specially designed for HD video surveillance and network engineering, providing 4\*10/100/1000Mbps RJ45 ports and 1\*10/100/1000Mbps Uplink RJ45 port. The switch supports three operating modes (Default, VLAN, CCTV). Under default mode, the switch supports detection for switching loop, and reminds you to check the loop-occurred port in real time through alarming LED indicator.

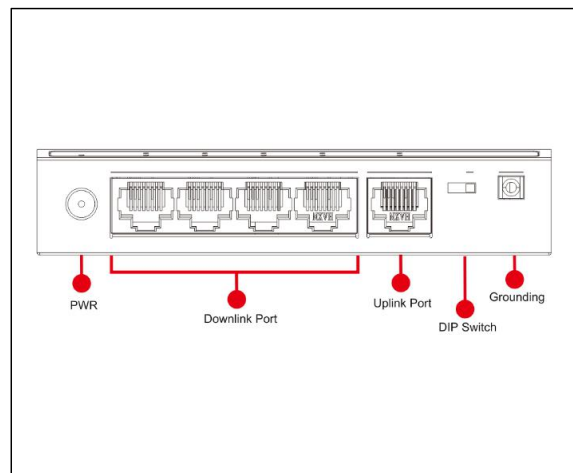
### Application



### Physical Features



### Interface Drawing



## Specification

Model	CY-S105
Downlink Ports	5*10/100/1000Base-T ports
Network Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3X
Switch Capacity	10Gbps
Throughput	7.24Mpps
Switch Processing Scheme	Store and Forward
Memory Buffer	1Mbps
MAC Table	1K
Jumbo Frame	9KB
One-key Smart	Default: Support detection for switching loop. All port can be communicated freely.
	VLAN: Port 1-3 are isolated respectively, but can communicate with Port 4-5.
	CCTV: The rates of Port 1-5 are limited to 100M, but with transmission distance of 160 meters.
Lightning Protection	6KV Execute: IEC61000-4-5
ESD	6KV Contact discharge 16KV Air discharge Execute: IEC61000-4-2
Power Supply (Not Included)	Desktop power adapter, DC 2.1 Jacket
Power Input	AC: 100~240V- 50~60Hz
Power Output	DC: 5V- 0.6A
Surge on Power Supply	Common mode - 6KV, Difference mode - 4KV
Power Consumption	<3W
Work Temperature	-10°C~50°C
Storage Temperature	-40°C~85°C
Humidity (Non-condensing)	5%-95% (Non-condensing)
Dimension (L*W*H)	122mm*92mm*25mm
Weight	1kg
Certification	CE, FCC, ROHS

## Packing List

Item	Quantity
CY-S105	1
User Manual	1

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electronics

