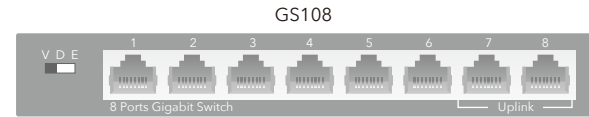
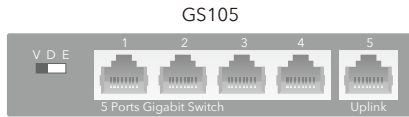


## 1 Overview



## 2 DIP Explanation

<b>VLAN (1-4Ports)</b>	<b>Port Isolation</b>	Downlink designated ports are isolated from each other, only transmit data with the uplink port.
<b>Default</b>	<b>Standard Switch</b>	All ports communicate freely
<b>Extend (1-4Ports)</b>	<b>Link Extension</b>	The specified port speed drops to 10Mbps/s, max PoE transmission is 250 meters.

<b>VLAN (1-6Ports)</b>	<b>Port Isolation</b>	Downlink designated ports are isolated from each other, only transmit data with the uplink port.
<b>Default</b>	<b>Standard Switch</b>	All ports communicate freely
<b>Extend (1-6Ports)</b>	<b>Link Extension</b>	The specified port speed drops to 10Mbps/s, max PoE transmission is 250 meters.

## 3 Specifications

Model	GS105
Power	DC 5V
Ethernet	5*RJ45 10/100/1000Mbps Ports
Switching Capacity	10Gbps
Throughput	7.44Mpps
Packet Buffer	1M
MAC Address	1K
Jumbo Frame	2K
Transfer Mode	Store and forward
MTBF	100000 hour

Model	GS108
Power	DC 5V
Ethernet	8*RJ45 10/100/1000Mbps Ports
Switching Capacity	16Gbps
Throughput	11.9Mpps
Packet Buffer	2.5M
MAC Address	1K
Jumbo Frame	2K
Transfer Mode	Store and forward
MTBF	100000 hour

Network protocol	IEEE802.3 (10Base-T) / IEEE802.3u (100Base-TX)
	IEEE802.3ab (1000Base-TX) / IEEE802.3x (Flow control)
Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A
	EMS: EN61000-4-2 (ESD), EN61000-4-4 (EFT)
	Shock: IEC 60068-2-27
	Free Fall: IEC 60068-2-32
Network Medium	Vibration: IEC 60068-2-6
	10Base-T : Cat3,4,5 or above UTP( $\leq 100m$ )
	100Base-TX : Cat5 or above UTP( $\leq 100m$ )
	1000Base-TX : Cat5 or above UTP( $\leq 100m$ )

## Quick Installation Guide

Model: GS105/GS108

### 4 LED and Interface Explanation

PWR	Power indicator	ON	Powered
		OFF	No power
Link	Network Link	ON	Port Isolation
		OFF	Standard switching
		Flashing	Link extension
LOOP	Loop alarm	ON	Loop detected
		OFF	No Loop

### EU declaration of conformity

Cudy hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU, 2014/35/EU, 2009/125/EC and 2011/65/EU. The original EU declaration of conformity may be found at <http://www.cudy.com/>

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