cudy

Model: GS105P

5-Port Gigabit PoE+ Switch
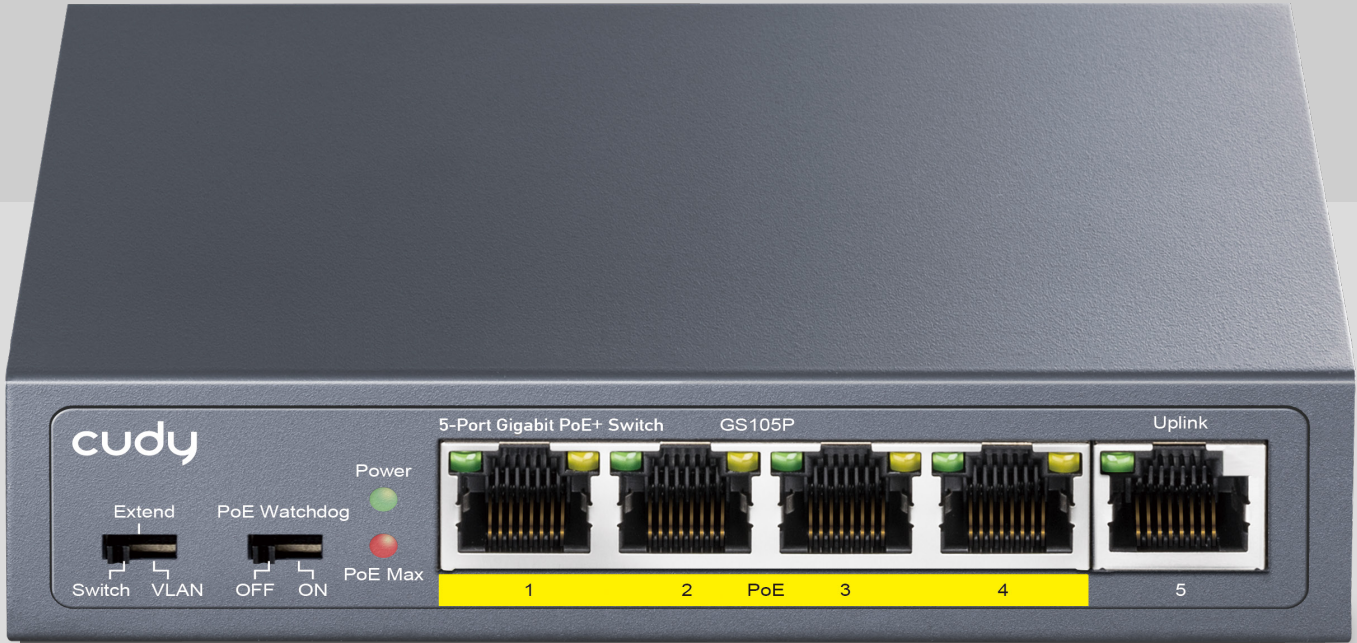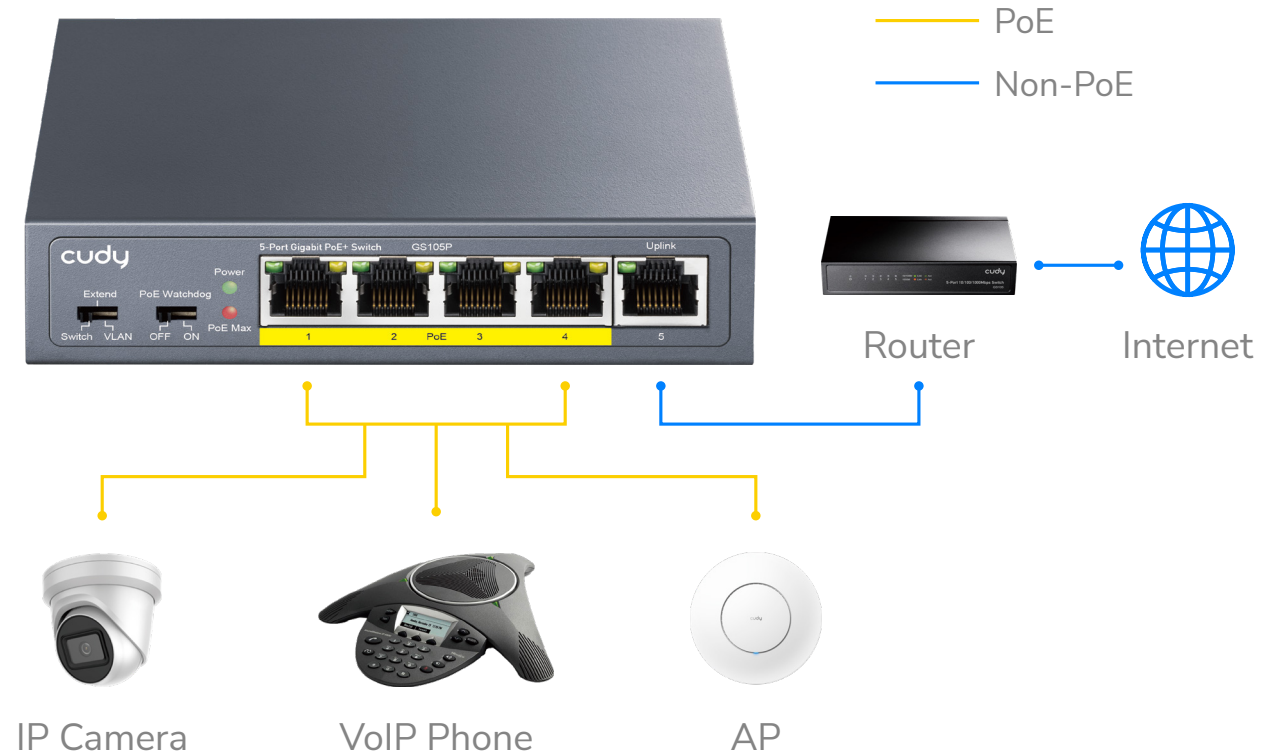
4 PoE+ Ports | **36W** Power Supply | Watchdog

5-Port Gigabit PoE+ Switch · GS105P · Uplink

Power
PoE Watchdog
Extend
Switch VLAN OFF ON PoE Max
1 2 PoE 3 4 5

Datasheet

PoE
Non-PoE

Router

Internet

IP Camera

VoIP Phone

AP

Cudy PoE switches connect and power various network devices seamlessly and efficiently. PoE Switches simplify network infrastructure by combining power and data into a single cable, eliminating additional power outlets and wiring.

Watchdog for Improved Reliability

The PoE Watchdog monitors link activity on port 1~4 and attempts to reboot connected clients that have been inactive for 5 minutes, ensuring system stability. Do not turn it on for clients with online auto-upgrade feature.
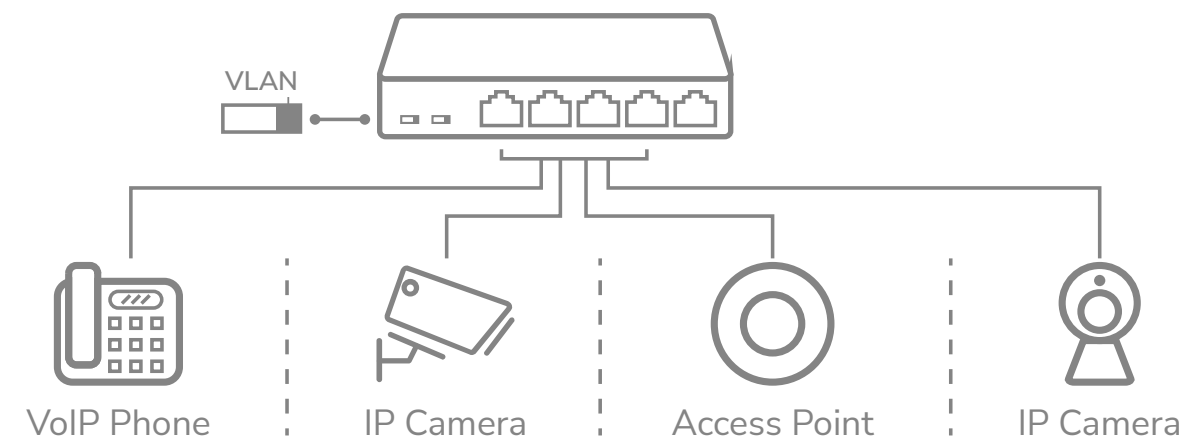

PoE Watchdog

Extend for Long-Range Powering

Prolongs the PoE transmission distance of ports 1-4 to a maximum of 250 m, enabling long-range surveillance installations.

Extend

Up to 250 m

10 Mbps per port

Switch

100 m

Up to 1000 Mbps per port
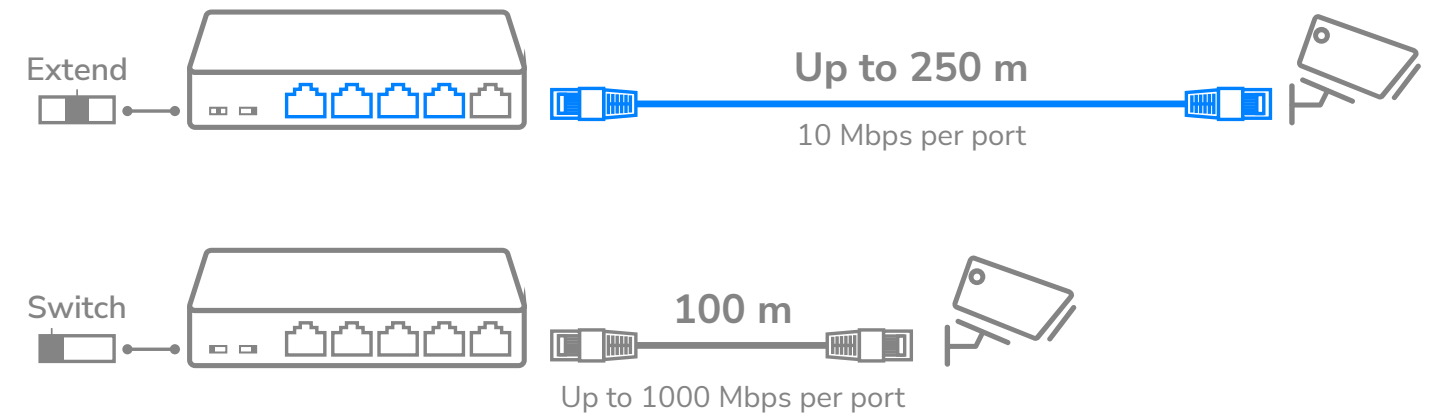
VLAN Mode for Port Isolation

Separates clients into different subnets for improved security, preventing data leakage in case of client-side hacking.

VLAN

VoIP Phone   IP Camera   Access Point   IP Camera

Highlights

- 4x GbE with 802.3at/af PoE+ up to 30W each port
- 1x Uplink GbE
- External 36W Power Supply
- Default/VLAN/Extend Modes
- PoE Watchdog
- IGMP Snooping
- 802.1p/DSCP QoS
- Intelligent power management to prevent power overload
- Desktop, Wall-Mount (with mounting kits)
- 119x85x28 mm(4.69x3.35x1.1")

Package Content

- GS105P
- Power Adapter
- Installation Guide
- Wall Mount Kit

Specifications

Protocols	802.3 Protocols	802.3i 10 Mbps over Twisted Pair
		802.3u 100 Mbps over Twisted Pair
		802.3ab 1 Gbps over Twisted Pair
		802.3x Flow Control
		802.3af PoE
		802.3at PoE
Advanced	PoE Watchdog	
	Muliple Working Modes, Intelligent Power Management	
Interfaces	Physical Buttons	Default/VLAN/Extend DIP Switch
		Watchdog Switch
	PoE+ Ethernet Ports	4× GbE
	Uplink Ethernet Ports	1× GbE
	Extend Mode Ports	#1~#4
	VLAN Mode Ports	#1~#4
	LED	Power (Green)
		PoE Status of Each PoE Port (Yellow)
		Link/ACT of Each Ethernet Port (Green)
		PoE Max Status (Red)
	Power Input	DC Jack

Specifications

Performance		
	Copper Speed and Distance	Cat. 3 or higher cable: 100 meters at 10 Mbps
		Cat. 5 or higher cable: 100 meters at 100 Mbps
		Cat. 5e or higher cable: 100 meters at Gigabit
		Cat. 5e or higher cable: 250 meters at 10 Mbps
	Copper Speed and Distance Note	250-meter transmission is only available on the Extend Mode ports.
	Max Forwading Rate	7.44 Mpps
	Max Switching Capcity	10 Gbps
	MAC Address Table	2048
	Jumbo Frame	15 KB
	Packet Buffer	3 Mbits
Power	DC Power	54V 0.66A
	Idle Power Consumption	5W
	Max Power Consumption	36W

Reliability		
	Lightning/Surge Protection	GbE: DM 2kV, CM 4kV
	ESD Air Protection	8kV
	ESD Contact Protection	6kV
	Environment	Operating Temperature: 0~40°C (32~104°F)
		Storage Temperature: -40~75°C (-40~167°F)
		Operating Humidity: 0%~100% non-condensing
		Storage Humidity: 10%~95% non-condensing
Mechanical	Installation	Desktop
		Wall-mount Via Brackets
	Casing Material	Metal
	Dimension	119×85×28 mm
		4.69×3.35×1.1 inches