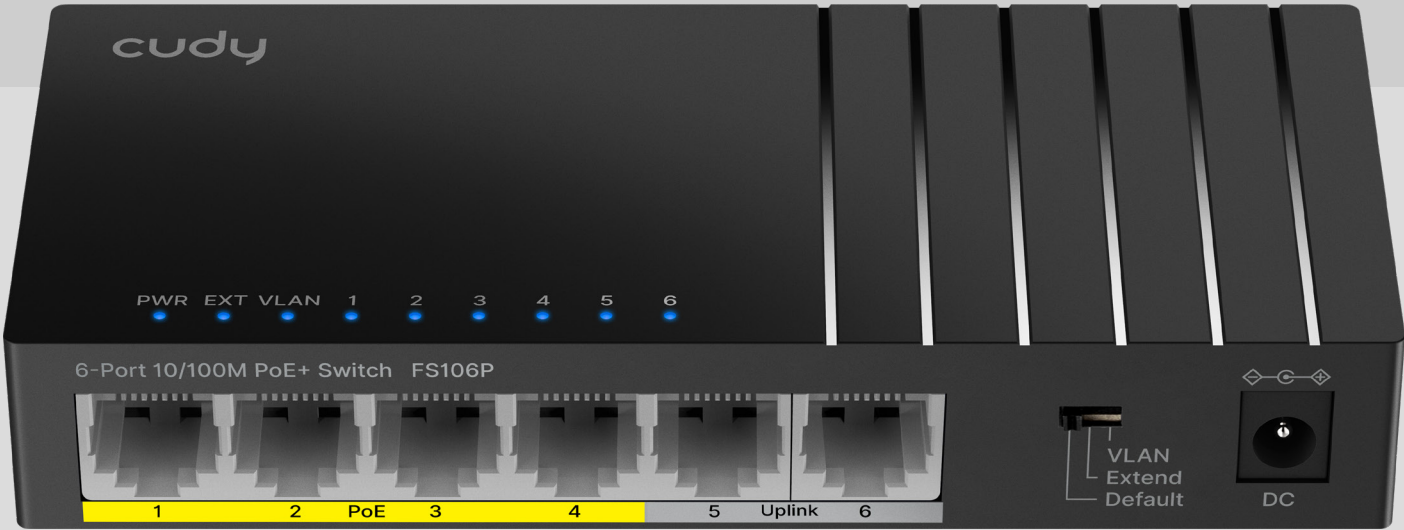




Model: FS106P

# 6-Port 10/100M PoE+ Switch



4

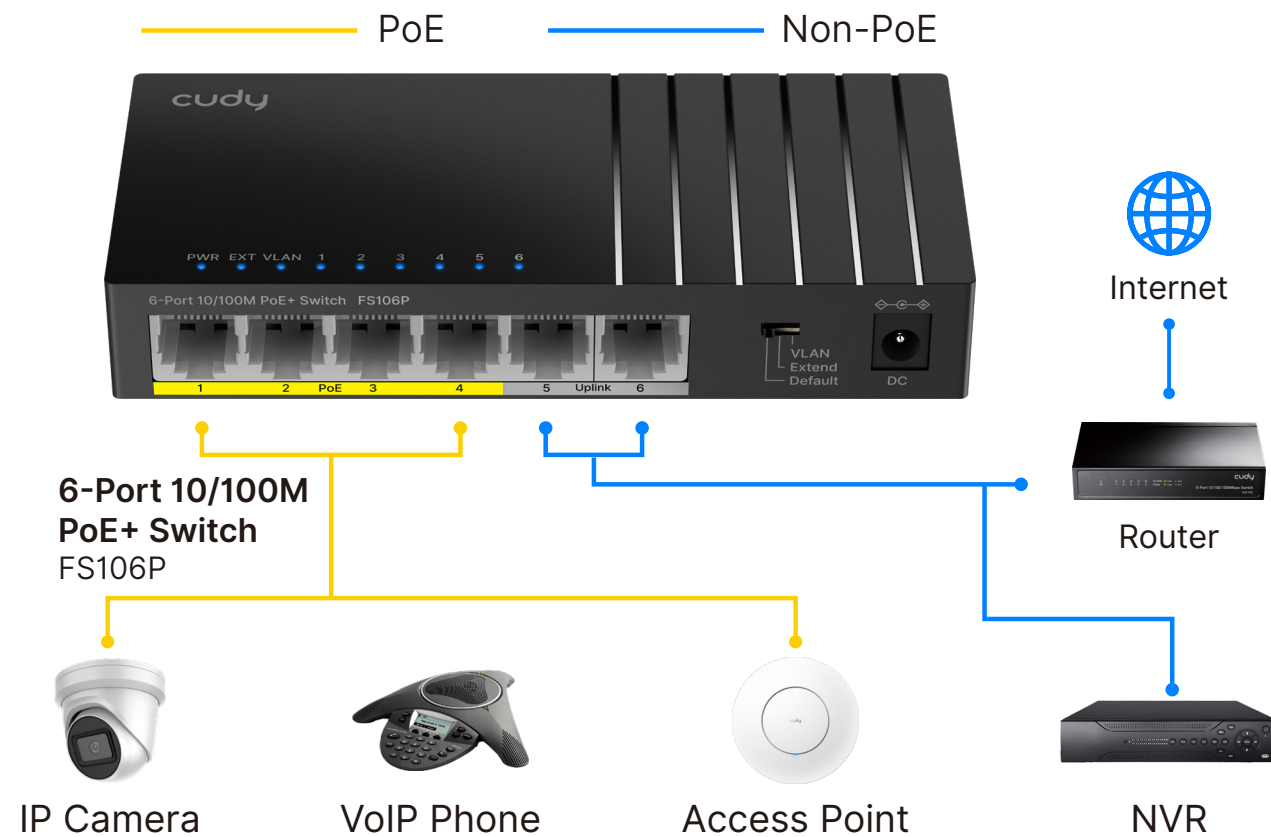
PoE+ Ports

36W

Power Supply

Watchdog

[Datasheet](#)



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.

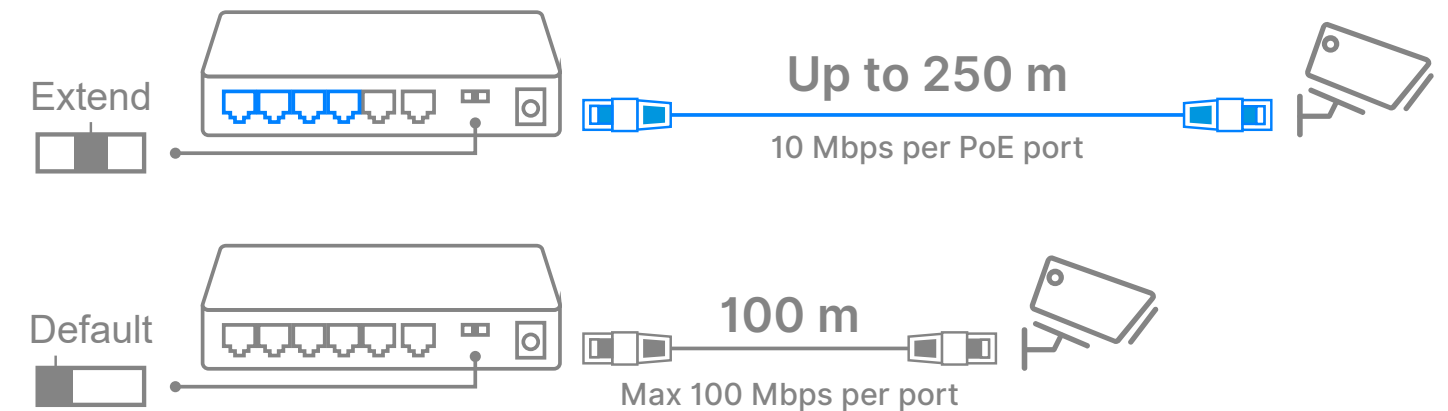
## Watchdog for Improved Reliability

Under the Extend and VLAN modes, 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.



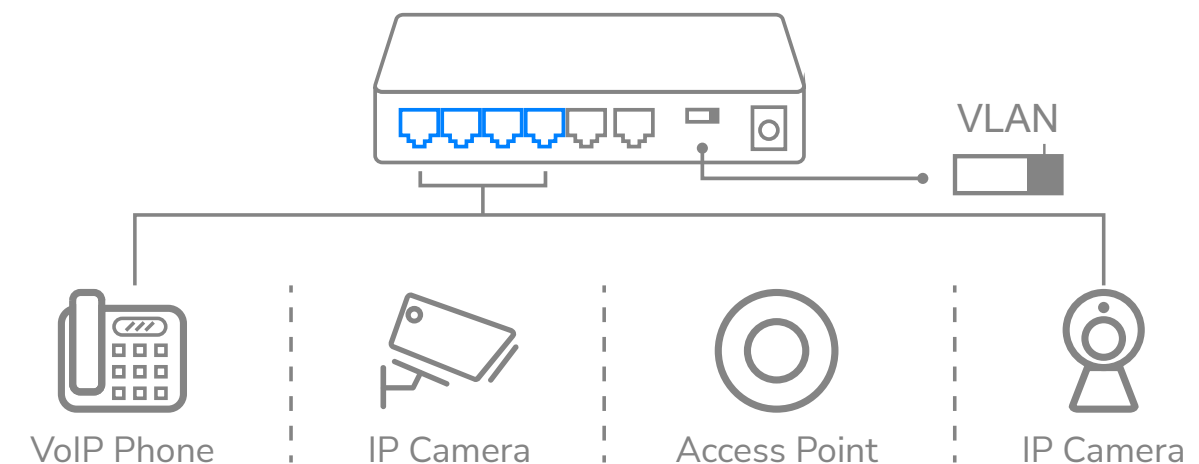
## Extend for Long-Range Powering

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



## VLAN Mode for Port Isolation

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





## Highlights

A 6-port PoE switch with 65W power perfect for surveillance and smart building project. Features silent operation, 250m extended range mode, VLAN support, and auto-recovery Watchdog function.

- 4× FE with 802.3at/af Mode A PoE
- 2× Uplink FE
- 36W Power Supply
- Default/VLAN/Extend Modes
- Desktop, Wall-Mount
- 138×61.5×24 mm (5.43×2.42×0.94")

## Package Content

- FS106P
- Power Adapter
- Installation Guide

## Specifications

Protocols	802.3 Protocols	802.3i 10BASE-T
		802.3u 100BASE-TX
		802.3x Flow Control
		802.3af PoE
		802.3at PoE
Interfaces	Physical Buttons	Default/VLAN/Extend DIP Switch
	Watchdog Note	The PoE Watchdog is on under the
		VLAN/Extend modes and will attempt
		to reboot the plugged-in but inactive client.
	10/100 Mbps RJ45 Ports	6
	10/100 Mbps RJ45 PoE Ports	#1~#4
	Max Power Each PoE Port	30W
	PoE Priority	Intelligent Power Management:
		Automatically disconnect the lastly
		powered device when power exceeds
		budget.
	Extend Mode Ports	#1~#4
	VLAN Mode Ports	#1~#4
	LED	Power
		Link/ACT of Each Ethernet Port
		Extend Status
		VLAN Status
	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: 250 meters at 10 Mbps
	Copper Speed and Distance Note	250-meter transmission is only available on the Extend Mode ports when the Extend Mode is activated.
	Max Forwarding Rate	0.8928 Mpps
	Max Switching Capacity	1.2 Gbps
	MAC Address Table	2048
	Jumbo Frame	2 KB
	Packet Buffer	570 Kbit
Power	DC Power	54V 0.66A
	Idle Power Consumption	2W
	Max Power Consumption	36W
	Power Adapter	Input: 100-240V~, 50/60Hz Output: 54V=0.93A

Reliability	EMC	IEC/EN 61000-4-2, Level 3 ESD: Contact: 6kV; Air: 8kV IEC/EN 61000-4-5, Level 4 Surge: Power: DM 2kV, CM 4kV; RJ45: CM 4kV
	Environment	Operating Temperature: 0~40°C (32~104°F) Storage Temperature: -40~70°C (-40~158°F) Operating Humidity: 0%~90% non-condensing Storage Humidity: 10%~95% non-condensing
Mechanical	Installation	Desktop Wall-mount
	Casing Material	Plastic
	Dimension	138×61.5×24 mm 5.43×2.42×0.94 inches
	Product Weight	88.0 g (3.1 oz.)
Ordering Information	Retail Package Dimension	151×95×72 mm 5.94×3.74×2.83 inches
	Retail Package Weight	367.7 g (12.97 oz.)
	Units per Carton	30
	Carton Net Weight	11.0 kg (24.25 lbs)
	Carton Gross Weight	11.8 kg (26.01 lbs)
	Carton Dimension	48×38×21.2 cm 18.9×14.96×8.35 inches