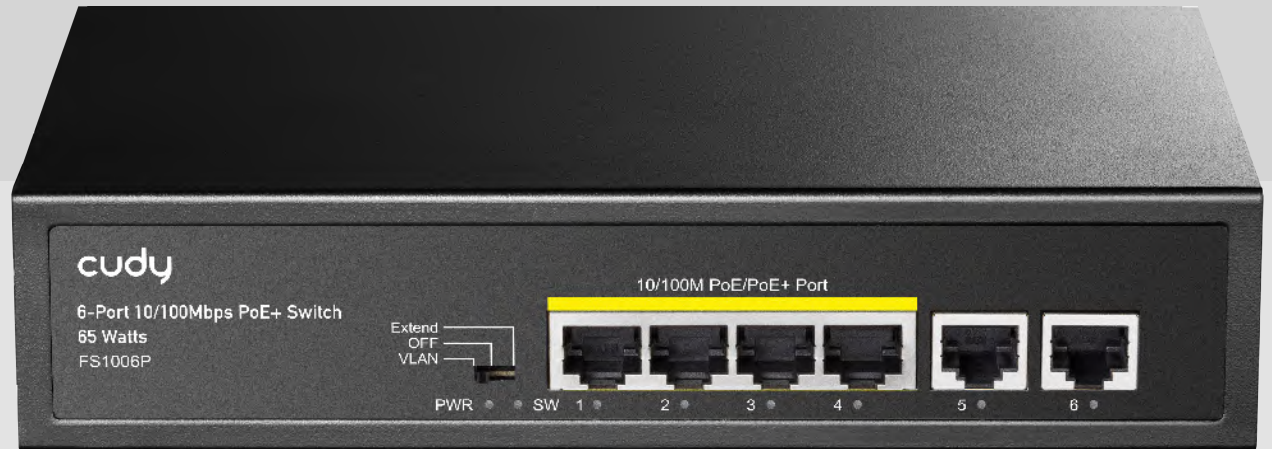# cudy

Model

FS1006P

6-Port 10/100M PoE+ Switch

1.Product Overview

10-Port Gigabit PoE+ Switch, using high-quality high-speed network IC and the most stable POE chip, POE port support 802.3af and 802.3at standard both, this series of POE switches can be 10/100M Ethernet The network provides a seamless connection, and the POE power port can automatically detect and power the powered devices that comply with the IEEE802.3af or IEEE802.3at standards. The non-POE device intelligently detects no power and only transmits data.

PoE is Power over Ethernet, which refers to the transmission of data signals to some IP-based terminals (such as IP phones, wireless access APs, network cameras, etc.), but also provides DC power for this device. Technology, these devices that receive DC power are called powered devices.

With simple and convenient installation and maintenance methods and rich business features, it helps users to build a safe and reliable high-performance network. It is mainly located in the core or convergence layer of user networks such as industrial parks, buildings, factories and mines, government agencies, and residential broadband; it can be widely used in Ethernet access scenarios such as small and medium-sized enterprises, Internet cafes, hotels, and schools.

2. Features

1. 4*10/100M POE ports + 2* 10/100M Ethernet Uplink ports

2. Comply with IEEE 802.3, IEEE 802.3u, IEEE802.3af/at standards

3. Ethernet port supports 10/100M adaptive and POE functions

4. Flow control mode: full-duplex adopts IEEE 802.3x standard, half-duplex adopts Back pressure standard

5. Support port auto flip (Auto MDI/MDIX)

6. Automatically supplied to adaptive devices

7. Panel indicator monitoring status and help failure analysis

8. Three-speed one-button intelligent dial switch with support for VLAN mode, OFF mode and Extend mode

9. Support Watchdog Function

10. Lightning Protection Surge: General Mode 6KV, Differential Mode 4KV, ESD 8KV.

3. Product Specifications

Model	FS1006P
Connector Type	4 Port 10/100M PoE + 2 Port 10/100M Ethernet Uplink
Network Protocols	IEEE802.3; IEEE802.3u; IEEE802.3x
PoE Standard	IEEE802.3at (30W) and IEEE802.3af (15.4w)
PoE compatibility	IEEE 802.3af/at adaptive
PoE port output	DC52V
Power Pin	1/2(+) ; 3/6 (-)
DIP	VLAN: Port isolation mode. In this mode, the PoE ports (1-4) of the switch cannot communicate with each other, and can only communicate with the UP-link port. The port AI mode is turned on.
	Default: Normal mode, all port can communicate with each other, the transmission distance is within 100 meters, the transmission rate is 10M / 100M adaptive; The port AI mode is closed
	Extend: Link extension mode, 1-4 ports PoE power supply and data transmission distance can be extended to 250 meters, the transmission rate becomes 10M, and the port AI mode is turned on;
Network Media	10BASE-T: Cat 3,4,5 UTP(≤100 meter)
	10BASE-T: Cat 6 UTP(≤250 meter)
	100BASE-TX: Cat5 or more UTP (≤100 meter)
Power input	AC100-240V 50/60Hz
Output	52V1.25A
Power Budget	65W
Bandwidth	1.2Gbps
MAC Address	1K
Packet Buffer Memory	448K
Packet Forwarding Rate	0.9Mpps
Forwarding Mode	Store-And-Forward

PWR	Power supply indicator(Red)	Lighting：Powered
		Un-Light：No Power
SW	DIP indicator(Green)	OFF: Normal
		Vlan: Lighting
		Extend: Slow flash
1-6	RJ-45 ACT indicator(Green)	Lighting：Connecting
		Flashing：Data Transmit
		Un-Light：Disconnect

Operating Temperature	-20°C ~ 50°C
Storage Temperature	-40°C ~ 85°C
Operating Humidity	Max 90%, non-condensing
Storage Humidity	Max 95%, non-condensing
Working Height	Max to 10,000 feet (3,000 meters)
Storage Height	Max to 10,000 feet (3,000 meters)
Product Dimension (L*W*H)	200mm*120mm*45mm
MTBF	100,000 hours