Trademarks

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Copyright Statement

FCC Warning

These devices have been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These standards are designed to provide reasonable protection against harmful interference when these devices are operated in a commercial environment. These devices generate, use, and can radiate radio frequency energy and may cause harmful interference to radio communications unless installed in accordance with this Quick Installation Guide. Operation of these devices in a residential area is likely to cause harmful interference which will make the user responsible for the appropriate remedial action at his / her own expense.

CE Mark Warning

These are Class A products. In a domestic environment these products may cause radio interference in which case the user will need to consider adequate preventative methods.

1. Checklist

The package should contain the following items:

- PoE Switch
- AC Power Cord
- Four Rubber Feet
- Quick Installation Guide

Please notify your sales representative immediately if any item is missing or damaged.

As for power adapters, please refer to Section 8 for more detailed information.

2. Overview

This PoE Switch is compact metal housing, has 4-port 10/100BASE-TX 802.3at PoE+ with 2-port 10/100BASE-TX switch in front panel. This PoE Switch provides high performance store and forward switching plus built-in DIP switch that provides "Default" and "CCTV" mode.

Clear, at-a-glance per-port LED indicators make users easier to monitor network and PoE status. EPS-2006 supports IEEE 802.3af/at PoE technology, up to 30W per port and maximum 100-meter transmission distance and supports a maximum of 60W of total PoE budget.

Major Features:

- 4 x 10/100Base-TX port with 802.3af/at PoE Injector Mode
- 2 x 10/100Base-TX port
- DIP switch for CCTV On/Off mode
- 2K MAC address table
- Support 2K Jumbo Frames
- Supports PoE power up to 30 watts for each PoE port
- Total 60 watts PoE budget
- Supports +/- 4KV surge immunity

3. Switch Front Panel

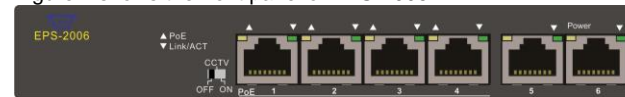Figure 1 shows the front panel of EPS-2006

Figure 1. EPS-2006 Front Panel

4. LED Description

Port LED 1~4

LED	Color	Function
Link/ACT	Off	No connection
	Green	Light: Indicates the link through that port is successfully established at 10/100Mbps.
		Blink: Indicates the switch is actively sending or receiving data over that port.
PoE	Off	No powered device (PD) connected
	Orange	Light: There is a PoE PD connected to be port, which supply power successfully.
		Blink: Indicates port abnormal power supply.

Port LED 5~6

LED	Color	Function
Link/ACT	Off	No connection
	Green	Light: Indicates the link through that port is successfully established at 10/100Mbps.
		Blink: Indicates the switch is actively sending or receiving data over that port.

Power LED

LED	Color	Function
Power	Off	Power is off.
	Orange	Indicates the switch has power.

5. Switch Rear Panel

Figure 2 shows the rear panel of EPS-2006

Figure 2. EPS-2006 Rear Panel

6. Network Installation

Please follow the steps described below to complete the network installation.

❶ Connect one end of a standard network cable to port-5 and port-6 on the front of the PoE switch.
❷ Connect the other end of a standard network cable to the network devices such as routers or workstations.
❸ Connect one end of a standard network cable to port-1 to port-4 on the front of the PoE switch
❹ Connect the other end of standard network cable to the 802.3af/at powered devices.
❺ Connect one end of the power cable to the rear of the PoE switch.
❻ Connect the power plug of the power cable to a standard wall outlet. When the PoE switch receives power, the Power LED should remain solid Orange.
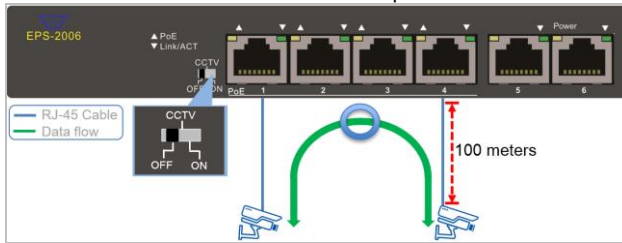
7. DIP Switch

The front panel of EPS-2006 has one DIP switch that supports "Default" and "CCTV" modes. The detailed description are shown in the following.

Note: After change the mode, in order to the corresponding configuration take effect. The switch needs to restart manually.
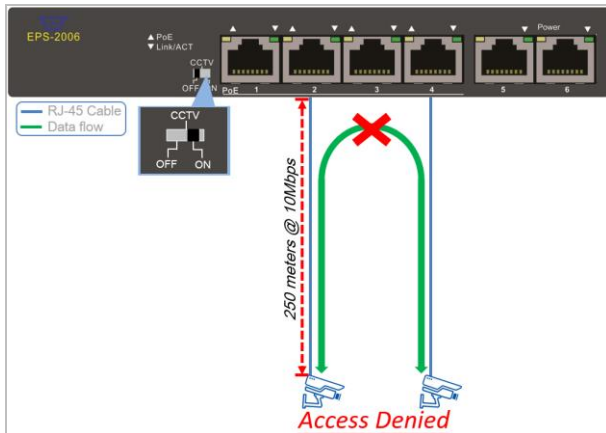
Default DIP Switch Mode
The default (CCTV OFF) DIP switch mode is general switch mode that can normal communication between port 1~6.

CCTV DIP Switch Mode
The CCTV ON DIP switch mode is extension and port isolation mode that allows 1-4 port to extend your network distance up to 250 meters at 10Mbps while remaining to support 30W PoE power output.

8. Technical Specifications

Standards	IEEE 802.3 10Base-T,IEEE 802.3u 100Base-TX, IEEE 802.3x Flow Control, IEEE 802.3af Power over Ethernet, IEEE 802.3at Power over Ethernet Plus
Interface	6-Port RJ-45 for 10/100Base-TX, auto MDI/MDIX
PoE Injector Port	4-Port 802.3af/at PoE Injector (Port-1 to Port-4)
PoE Power Output	Max. 30W per port
PoE Budget	60W
Jumbo Frame	2K
MAC Address Table	2K
LED	Power, Link/ACT, PoE
Power	AC Input Voltage: 100V-240V 50/60Hz
Shipping Weight	1kg
Dimensions	168(W) x 93(D) x 32(H)mm
Temperature	Operating: 0ºC~50ºC; Storage: -20ºC~60ºC
Humidity	5%~90% RH non-condensing
EMC Safety	FCC Part 15 Class A, CE
Media	TP: EIA/TIA-568 CAT 3/4/5/5e

*Please contact us for further reports and updates.
NOTE: Specifications may change without prior notice.

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