8 port PoE Switch

PS5081E

Product Profile

PS5081E is 9 port 100Mbps with 8 PoE port switch, auto detection and identification IEEE802.3af/at standard PD device, then carry power to it. Therefore do not worry it will destroy the private standard PoE or Non-PoE equipment.

PS5081E is the best choice for minitype commercial network because it economically use PoE deployment wireless AP and IP camera . It can resolve the problem of maintenance tedious, wireless coverage, terminal device powered，surveillance project. Maximum save the cost.

Key Features

- ➢ Support power over ethernet cable device for example wireless AP and IP camera

- ➢ Support IEEE802.3af/at standard .

- ➢ Transmission distance 250m, it can be flexible installation for wireless AP and surveillance project.

- ➢ It will give the speed of 10Mbps at 250meter when connect IP cameras.

- ➢ Support upward port auto MDI/MDIX.

- ➢ Adopted storage forward switch system.

- ➢ Smart power and minimum consumption ，guarantee PD requirement.

- ➢ With power supply circuit protection function and protection back-end device safety

- ➢ Automatically provide the adaptive device

- ➢ PSE modular design

- ➢ Support loop circuit detection

- ➢ Support saving power function when port unconnection

Working mode

Using DIP switch control working mode, details description as below：

1.Default：Default switch mode；

2.VLAN：prevent DHCP deceive and broadcast storm, protection information、prevent virus spread and network attack；

3.Extend：transmission distance 250 meter（Cat.5 or above）

Specification

Network Port	· 8 10/100Mbps PoE RJ45 port（port 1 ~ port 8）
	· 1 10/100Mbps Non-POE RJ45 port（port 9）
Transmission Rate	· 100Mbps full Duplex，10 or 100Mbps Half Duplex
	· Network interface：10BASE-T or 100BASE-TX Ethernet RJ-45 port
Performance	· bandwidth：1.8Gbps (non-blocking）
	· network delay（100 to 100M bps）：maximum 20 μs（using 64 byte packet）
	· MAC address capacity：1K
	· Frames filter and transmission rate：
	10M port maximum 14,800pps
	100M port maximum 148,800pps
Network protocol and standard	· IEEE 802.3i 10BASE-T
	· IEEE 802.3u 100BASE-TX
	· IEEE 802.3x Flow Control
	· IEEE 802.3af/at Power over Ethernet
PoE pin	1/2(+)，3/6(-)
LEDs indicator	· Power
	· LINK/ACT、PoE
Power	•Total power 96W（PoE port:1~8),
	（Each country use customized power plug）
Dimensions	· Size（LxWxH）：184mm x 94mm x 27mm
	· Weight：1.25 kg
Environment	· Operating Temperature：0°~40℃（32°~113℉）
	· Storage Temperature：-20℃~90℃（-4°~194℉）
	· Working Humidity：10%~90% (Non-condensing)
	· Storage Temperature：5%~90% (Non-condensing)
EMC	· CE Class B
	· FCC Part 15，Class B
	· VCCI Class B
	· C-Tick
Certifications	· CE/RoHS/FCC

Application Suggestion

1. In order to safety , pls non-professionals don't open the casing of product ;

2.Pls be careful the risk of strong current and security protection when product is carrying on power ;

3.Pls select the right power adaptor provide power for PoE switch , before using pls confirm if it is accord with the requirement of PoE switch ;

4.Pls don't use PoE switch under the humid environment , avoiding water go into the product inside caused PoE switch breakdown.

5.Pls start the power after the circuit connected ;

6.Pls don't plug-in and plug-out the connection cable when product is carrying on power ;

7.Pls don't use PoE switch under somewhere with more dust and EME;Don't use PoE switch in high temperature and unventilated place;

8.Pls don't put heavy thing on PoE switch , in case of happening an accident. ;

9.According to the IEEE802.3AF/AT standard, pls use the Cat.5 or above , transmission distance up to 250 m ;

10.Pls don't exceed the maximum output power of PoE switch when it connect more than one PD device ;

11. Suggestion that PoE switch use for indoor , if you want to use for outdoor, pls install waterproof box.