

Product Overview

PS16FE+2GE+2SFP is an Ethernet switch which has the function of colorful LCD and PoE . The PoE Switch provides intelligent PoE functions along with 16*10/100Mbps RJ45 port with 2

10/100/1000Mbps RJ45 and 2 gigabit SFP optical fiber Slot which support high-speed transmission of surveillance images and videos. The PoE ports can automatically detect and supply power to IEEE802.3af/at compliant Powered Devices (PD). The electrical power and data transmission on the same cable can expand your network to the places where no power lines or outlets, where you can install devices such as APs, IP cameras, or IP phones etc.

PS16FE+2GE+2SFP support colorful LCD Display. The colorful LCD can display the PoE work status, accurate judgment port of load, can help customer and engineer timely discover and solve the network failure, improve work efficiency and quality.

Features

- 16*10/100Mbps RJ45 Ports
2*10/100/1000Mbps RJ45 Port
2*1000Mbps share SFP Slot
- Supports PoE Power up to 32W for each PoE port;
- Complies with IEEE802.3af/at Power over Ethernet;
- Supports IEEE802.3 x full duplex flow control and Backpressure half duplex flow control;
- Supports Energy-Efficient Ethernet (EEE) function (IEEE802.3az);
- Auto detect power device;
- Supports colorful LCD display;
- Supports VLAN function and CCTV model;
- 8K MAC address, automatic address learning and address aging;
- Operation Temperature: -10° C ~ 60 ° C;

Specification

Model	PS16FE+2GE+2SFP
Port	16x10/100Mbps RJ45 Port 2x10/100/1000Mbps RJ45 Port 2x1000Mbps share SFP Slots
PoE Standard	IEEE802.3af/at
PoE Port	Port 1~16
PoE Power Output	Per port 55V DC Max. 32W
PSE Power on RJ-45	1/2(+) 3/6(-)
PoE Power Budget	300W
Power supply	330W
PoE LCD	PoE Port Status display in real time
Key supply	CCTV or VLAN
Forwarding Mode	Storage-and-Forward
Switching Capacity	11.2Gbps
MAC address table	8K, Auto--learning, Auto-aging
Jumbo frames	9216Byte
Forwarding Rate	4.1Mpps
Input Power Supply	AC 100-240V 50/60Hz
Operation Temperature	-10 °C ~ 60 °C
Storage Temperature	-40 °C ~ 78 °C
Operation Humidity	10%~92% RH non-condensing
Storage Humidity	5%~92% RH non-condensing
Dimensions(L*W*H)	440x232x45mm
Fan Qty	3
Weight	<5Kg
LED Indicator	PWR(Green), LNK/ACT(Green),Speed(Green), PoE(Orange)
Network Media(Cable)	10BASE-T: UTP category 3, 5 cable (≤100m) 100BASE-TX: UTP category 5,5e cable (≤100m) 1000BASE-T: UTP category 5e,6 cable(≤100m) 1000BASE-X: MMF, SMF
Surge Protection	± 6KV
Certification	CE、FCC Class A or B
MTBF	>50000 hours
Electrostatic standard	Contact 6KV,air 8KV
green energy saving	Support IEEE 802.3az

LCD Features

The produce is with the function of the colorful LCD display and PoE Ethernet switch. The colorful LCD not only display the working condition of PoE port, but also accurately show the state of each port, such as Output power, Overload, Short circuit, Light load, Low voltage, Over voltage, High temperature, and so on...

SWITCH PORT INFO									
01	OLP	---	M	631M	08	13.4W	---	M	920M
02	8.4 W	---	M	921M	09	18.9W	856M	856M	
03	ULP	---	M	---	10	---	W	238M	238M
04	SCP	125M	---	M	11	OFF	---	M	---
05	2.2W	---	M	---	12	23.3W	323M	323M	
06	23.7W	---	M	---	13	5.8W	983M	983M	
07	16.8W	---	M	---	14	7.3W	223M	223M	
PB:300W		TP:120.0W		PD:0		Norm			

Switch port information														
01	---	W	---	M	---	M	08	---	W	---	M	---	M	
02	WARNING!										---	M	---	M
03	Voltage is high.										---	M	---	M
04	All ports off.										---	M	---	M
05	---	W	---	M	---	M	12	---	W	---	M	---	M	
06	---	W	---	M	---	M	14	---	W	---	M	---	M	
PB:300W		TP:0.0W		PD:0		Norm								

Switch port information														
01	---	W	---	M	---	M	08	---	W	---	M	---	M	
02	WARNING!										---	M	---	M
03	chip is too hot!										---	M	---	M
04	All ports off.										---	M	---	M
05	---	W	---	M	---	M	12	---	W	---	M	---	M	
06	---	W	---	M	---	M	14	---	W	---	M	---	M	
PB:300W		TP:0.0W		PD:0		Norm								

Switch port information														
01	---	W	---	M	---	M	08	---	W	---	M	---	M	
02	WARNING!										---	M	---	M
03	Voltage is low.										---	M	---	M
04	All ports off.										---	M	---	M
05	---	W	---	M	---	M	12	---	W	---	M	---	M	
06	---	W	---	M	---	M	14	---	W	---	M	---	M	
PB:300W		TP:0.0W		PD:0		Norm								

Switch port information														
01	---	W	---	M	---	M	08	---	W	---	M	---	M	
02	WARNING!										---	M	---	M
03	PSE is failure.										---	M	---	M
04	Restarting...										---	M	---	M
05	---	W	---	M	---	M	12	---	W	---	M	---	M	
06	---	W	---	M	---	M	14	---	W	---	M	---	M	
PB:300W		TP:0.0W		PD:0		Norm								

In addition, The third generation colorful LCD display add colorful logo display, upload and download speed of every port and ten interface setting functions base on the second generation LCD Display. The ten interface setting functions is include of Switch Mode, Band Width Warning, PD Type Setting, PSE Power Fine, PSE Port Priority, PSE Port Enable, Fan Control, Language, Factory Setting, Factory Setting.