



Product Overview

P6-S20FL V3 is designed by UNIPOE company. It's 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 IEEE802.3bt/at/af 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.

P6-S20FL V3 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.

Product Features

- Complies with IEEE802.3bt/af/at Power over Ethernet;
- 1~4 Port PoE output: 60W,5~16/20 Port PoE output: 32W ;
- Supports colorful LCD display;
- Supports IEEE802.3az high efficiency and energy saving function;
- Supports Energy-Efficient Ethernet (EEE) function (IEEE802.3az) ;
- Perfect security mechanism;
- Supports IEEE802.3 x full duplex flow control and Backpressure half duplex flow control;
- Supports VLAN function and CCTV model;
- 8K MAC address, automatic address learning and address aging;
- Operation Temperature:-10° C ~ 60 ° C;

Specification

Model	P6-S20FL V3
Port	16x10/100Mbps RJ45 Port 2x10/100/1000Mbps RJ45 Port 2x1000Mbps SFP Slots
PoE Standard	IEEE802.3af/at/bt
PoE Port	1~ 4 Port: 60W 5~ 16 Port: 32W
PoE Power Output	Max 60W
PSE Power on RJ-45	1~ 4 Port: Mode A Anode1/2 Cathode3/6 Mode B Anode4/5 Cathode7/8 5~16 Port: Mode A Anode1/2 Cathode3/6
PoE Power Budget	P6-S20FL V3 :300W
Power total	P6-S20FL V3 :330W
PoE LCD	PoE Port Status display in real time
Forwarding Mode	Storage-and-Forward
Switching Capacity	P6-S20FL V3 11.2G
MAC address table	8K, Auto-learning, Auto-aging
Jumbo frames	9216Byte
Packet buffer	4.1M bit
Forwarding Rate	P6-S20FL V3:8.33Mpps
Input Power Supply	AC 100-240V 50/60Hz
Operation Temperature	-10℃~60℃
Storage Temperature	-40℃~70℃
Operation Humidity	10%~90% RH non-condensing
Storage Humidity	5%~90% RH non-condensing
Dimensions(L*W*H)	440*232*45mm
Fan	3*Fan
Weight	<5Kg
LED Indicator	PWR, LNK/ACT, PoE, Speed
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 ClassA
MTBF	>50000hour
Electrostatic standard	Contact 6KV,air 8KV

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	---M631M	08 13.4W ---M920M
02	8.4 W	---M921M	09 18.9W 856M 856M
03	ULP	---M---M	10 ---W 238M 238M
04	SCP	125M---M	11 OFF ---M---M
05	2.2W	---M---M	12 23.3W 323M 323M
06	23.7W	---M---M	13 5.8W 983M 983M
07	16.8W	---M---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! Voltage is hight. All ports off.		
03	---	W---M---M	---
04	---	W---M---M	---
05	---	W---M---M	---
06	---	W---M---M	---
07	---	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! chip is too hot! All ports off.		
03	---	W---M---M	---
04	---	W---M---M	---
05	---	W---M---M	---
06	---	W---M---M	---
07	---	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! Voltage is low. All ports off.		
03	---	W---M---M	---
04	---	W---M---M	---
05	---	W---M---M	---
06	---	W---M---M	---
07	---	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! PSE is failure. Restarting...		
03	---	W---M---M	---
04	---	W---M---M	---
05	---	W---M---M	---
06	---	W---M---M	---
07	---	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. See the operation manual of the screen. The picture is only displayed with this information. The data is incomplete.



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SWITCH PORT INFO			
15	---	W---M---M	22 ---W---M---M
16	---	W---M---M	23 ---W---M---M
17	---	W---M---M	24 ---W---M---M
18	---	W---M---M	25 ---W---M---M
19	---	W---M---M	26 ---W---M---M
20	---	W---M---M	27 ---W---M---M
21	---	W---M---M	28 ---W---M---M
PB:300W TP:120.0W PD:0 Norm			

Ordering information

Model	product information
P6-S20FL V3	16*10/100Mbps +2GE+2G SFP Gigabit Uplink PoE Switch with V3 LCD display (16-Port PoE, 1-4 Port:60W,5-16 Port:32W Support 802.3bt/af/at Standard)