

MaxLink 6 port PoE switch PSBT-6-4P-250



Installation guide:

1. Connection

- a. Please check the enclosure, RJ45 ports, LED indicators, ensure that there is no visible damage or any kind of issue.
- b. Plug the power adaptor in to the switch and then to the AC socket(230V), make sure the initialization of PoE switch is as follows:

PWR (power) indicator goes green and it remains green when the switch is connected to the socket. All ports will flash for a second with green and then with orange light and then goes off. When you change the hardware switch to different position by default set on „N“ then all ports will flash for a second with green light and then goes off. Whenever you will change the hardware switch from any position the light confirmation will repeat.

- c. For data and power transfer use only quality CAT5 cables or better.
- d. Only ports marked with numbers from 1-4 does support PoE output.
- e. Ports marked with numbers 5 and 6 does not support PoE standard.
- f. Ports 5/6 serves as uplink ports.

2. Usage

If any problems occur pls contact your supplier. Do not try to repair it. Do not open the switch box. Do not plug it in to the AC socket once you realize some defect.

Destription:

MaxLink PSAT-6-4P-250 Series PoE unmanaged switch automatically detect and supply power according to IEEE 802.3af/at/bt compliant Powered Devices (PDs), it has 6x 10/100Mbps Auto-Negotiation RJ45 ports and 4 of them does support PoE (Power over Ethernet). PoE switch supports powering devices up to 250m while transmit bandwidth of RJ45 PoE ports drops to 10Mbps. Ports 5/6 are just uplink ports without any PoE support. It supports also energy-efficient technology to save power consuption on ports without any use. The first and only „1“ port marked with red colour provide 60W PoE according to IEEE 802.3bt standard. Switch is also equipped with Watchdog function. It can automatically „reboot“ device which is not responding(no data communication) on exact port (aprox. after 60 sec.). Reboot means in this case that switch discontinue in provideing power via port. Watchdog functionality is fully automatic, there is no way for user to switch it off.

Switch supports 3 different working modes which can be set:

1. „N“ normal:

Switch works as normal PoE switch and it can power devices up to 100m. The throughput speed is 10/100Mbps per port.

2. VLAN:

VLANS operation mode features with port-based VLAN function that can help to prevent the IP camera's multicast or broadcast storm from influencing each other. PoE works up to 100m. The throughput speed is 10/100Mbps per port.

3. 250m:

Switch can power devices up to 250m while the speed drops to 10Mbps per port.

It has to be switched manually on the switch front panel in to “N, VLAN or 250m” mode. There is no need to worry about the damaging of standard POE or Non-POE devices, the power will be switched off when the POE device does not support active PoE standard.

Specification:

Network Port	· 3x 10/100Mbps PoE RJ45 port (port 2 ~ port 4) 802.3af/at
	· 1x 10/100Mbps PoE RJ45 port (port 1) 802.3af/at/bt
	· 2x 10/100Mbps Non-POE RJ45 port (port 5, 6)
Transfer Rate	· 100Mbps full Duplex, 10 or 100Mbps Half Duplex
	· Network interface: 10BASE-T or 100BASE-TX Ethernet RJ-45
Performance	· bandwidth: 1.2Gbps (no block)
	· network delay (100 to 100M bps) : maximum 20 μs (using 64 byte packet)
	· MAC address capacity: 1K
	· Frames filter and transfer 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 - PWR
	· Link/PoE
	· 250M/VLAN
Power	• Total power: 65W (All PoE port, port 1 ~ port 4) single port max. 30W, (port 1 up to 60W)
	• Input power: 65W; 52V @ 1.25A DC output power;
Dimensions	· Size (LxWxH) : 138mm x 81mm x 22mm
	· Weight: 0.37 kg
Environment	· Operating Temperature: 0°~40°C (32°~104°F)
	· Storage Temperature: -30°C~70°C (-104°~158°F)
	· Working Humidity: 10%~90% (Non-condensing)
	· Storage Temperature: 5%~90% (Non-condensing)
EMC	· CE Class B
	· FCC Part 15, Class B
	· VCCI Class B, RoHS