TT-10803EXPOE-BP120

> 11x 10/100Mbps auto-sensing RJ45 ports, 8x 10/100Mbps PoE ports, 2x uplink ports , 1 x SFP port ;
> Unique Feature:one-key CCTV mode,which can restrain network storm,realize VLAN function and 1~8 downlink ports only able to communicate with uplink ports. The communication distance extends to 250 meters
> Supports port auto-flip (Auto MDI/ MDIX);
> Built-in power supply;
> Maximum power of single PoE port: 15.4W;
> Maximum PoE power: 120W;
> Adopts store-and-forward architecture;
> IEEE 802.3af power on up to 8 ports;
> Fanless, natural cooling, small, compact and quiet design, suitable for desktop or wall;

CE FC

Description

The TT-10803EXPOE-BP120 is a compact 8+3 port PoE Switch, With 8 10/100Mbps PoE Switch, 2 10/100/1000Mbps Uplink Ports and 1 10/100/1000Mbps SFP Port,The 8 POE ports can automatically detect and provide power for any connected 802.3af Powered Device(PD),such as VOIP phones,IP Cameras, All POE ports support the IEEE802.3af standard,with a maximum output of 15.4w each port.

Applications

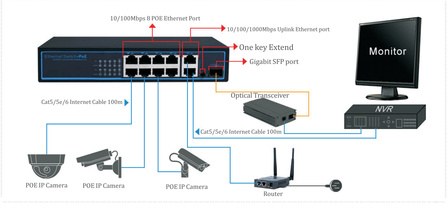
> Security Monitoring System
> Communications industrial
> Transportation industrial
> Multimedia Network Teaching System
> Medical Monitoring Display System
> Industrial Automation Control System
> Banking, securities, financial information display system
> Remote Network Server Monitoring
> Department Store Security
> Casino Security
> Hospitals, Airports and banks
> School Campuses

Specification

Item			Description
Power	Power Adapter Voltage		AC 110V-240V
	Consumption		120W
Network Connector	Network Port	POE Ethernet Port	1～8 Port : 10/100Mbps
		Ethernet port	Uplink Port : 10/100/1000Mbps
		SFP Port	SFP Port: 10/100/1000Mbps
	Transmission Distance		1～8 Port : 100Mbps:0~100m; 10Mbps: 0～250m;
			Uplink Port : 0 ～ 100m
	Transmission Medium		Cat5/5e/6 standard network cable
Network Switch	Network Standard		IEEE802.3/802.3u, IEEE802.3x,IEEE802.1D
	Switching Capacity		4.8G
	Packet Forwarding		5.65Mpps
	MAC Table		2K
Power Over Ethernet	PoE Standard		IEEE 802.3af
	PoE Power Supply		End-Span(1/2+,3/6-)
	PoE Power		af=15.4W (every port)
LED Status Indicator	PoE Ethernet LED Indicator		Power: 1 red light indicates that the power normal work;
			POE: 8 yellow lights indicate that the POE is power on;
			Ethernet:11 green lights indicate that the Ethernet Link and Act;
Environmental	Working temperature		0℃～55℃
	Relative Humidity		20~95%
	Storage temperature		-20℃～70℃
Mechanical	Dimension (L×W×H)		201mm*120mm*41mm
	Color		Black
	Weight		699.3g
Stability	MTBF		>30000h

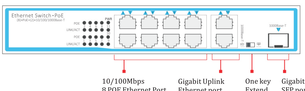
Dimension

Application



Board Diagram

■ Front board



■ Back board

■ Side board

Plug Producing Method

Instruments to be used: wire crimper, network tester. Wire sequence of RJ45 plug should conform with EIA/TIA568A or 568B.

1) Please remove 2cm long the insulating layer, and bare 4 pairs UTP cable;
2) Separate the 4 pairs UTP cable and straighten them;
3) Line up the 8 pieces of cables per EIA/TIA 568A or 568B;
4) Cut off the cables to leave 1.5cm bare wire;
5) Plug 8 cables into RJ45 plug, make sure each cable is in each pin;
6) Use the wire crimper to crimp it;
7) Repeat above 5 steps to make the another end;
8) Use network tester to test the cable if it works.

Pin Color
1.White/Green
2 Green
3.White/Orange
4 Blue
5.White/Blue
6 Orange
7.White/Brown
8 Brown

EIA/TIA568A

Pin Color
1.White/Orange
2.Orange
3.White/Green
4.Blue
5.White/Blue
6.Green
7.White/Brown
8.Brown

EIA/TIA568B

Notice

When choose RJ45 make sure if one end is EIA/TIA568A,the other end should also be EIA/TIA568A.
When choose RJ45 make sure if one end is EIA/TIA568B,the other end should also be EIA/TIA568B.

Package List

Designation	Quantity
POE Switch	1PC
Power adapter cable	1PC
User Manual	1PC

Please follow the following steps

> Please turn off the signal source and the device's power before installing, installation with power on may damage the device;
> Use the network cables to connect the IP cameras with Ethernet switch's every PoE port;
> Use network cable to connect Ethernet switch's UPLINK port with NVR or Other Device;
> Connect Ethernet switch with power adapter;
> Check if the installation is correct and device is good, make sure all the connection is reliable and power for the system;
> Make sure every network device has power supply and work normally.

Please remove the problem according to the following steps

> Please confirm if the device installation is correct;
> Please confirm if the RJ45 reach the standard of EIA/TIA568A OR 568B
> The maximum transmission distance depends on the signal source and cable quality, please do not over the maximum transmission distance;
> Please replace a normal device with a failure one to check if the device is broken;
> If the problem still exist , please contact the factory.