

Web-Managed 8 port Ethernet w/ 8 port PSE switch

Highlights

- ⇒ Support class2 or class3 or class 4
- ⇒ Support 802.3af and 802.3at
- ⇒ **Remote control POE port**
- ⇒ Web management
- ⇒ 802.1p and 802.1q
- ⇒ Power saving



BESP-T584W is an 8 10/100M port Power over Ethernet Web management Switch which consists of 8 PSE/PoE ports. The model is compliant to IEEE 802.3at and 802.3af. That can solve the limitation of the power outlet location and offer the system relocation easily. The case is designed for small office and can be upgrade to 1U" chassis.

Product Features

- 8 Port PSE/ PoE function is compliant with IEEE-802.3af and IEEE802.3at
- Supporting the power up 30 Watt for PSE/PoE port
- Providing 8 10/100Mbps switching ports
- Complying with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE-802.3af PoE and IEEE802.3at
- Supporting the flow control: back pressure for Half-duplex and IEEE 802.3x for Full-duplex mode
- All ports support Auto-MDIX function
- Being dedicated 200Mbps Full-duplex bandwidth to the each port
- Broadcast storm control and supporting store & forward operation
- Non-blocking & Non-head-of-line blocking full-wire speed forwarding
- Auto-learning networking configurations
- Built-in 4K MAC learning table, 1.25M bits buffer memory
- Filtering/Forwarding Rate: 100Mbps/148,800pps; 10Mbps/14,880pps
- Supports packet length 1600 bytes
- Supports Port-base VLAN and IEEE802.1q tag-base VLAN based on ports & VLANs; add/remove/modify tag
- Supports 2 trunk group, port 1-4 and port 5-7
- Class Quality of service (COS): port- based, 802.1q priority tag based, IP TOS based, TCP/UDP port bases, 4 queues for per port, WRR/FIFS algorithm
- Supports broadcast storm filtering
- Supports bandwidth control
- Supports port mirroring
- Supports per port MAC address base filtering
- Supports TCP/UDP port filtering
- Supports IGMP V1&V2 snooping
- Supports file backup and recovery
- Supports web-based management interface
- Status LEDs: System Power, Link/Activity, and PoE/PSE on line

- Network Transmission Media: 10Base-T Cat. 3, 4, 5 UTP/STP; 100Base-TX Cat. 5 UTP/STP
- Internal Power supply: AC input (90~260V/AC, 50~60Hz) UL Safety
- Operating Temperature: 0°C ~ 45°C
- Storing Temperature: -20°C ~ 90°C
- Humidity: 10% ~90% RH (Non-condensing)
- Dimension (L x W x H): (19", 1U high)
- Power consumption : 130 W and 65 Watt
- Weight: 1.50Kg
- Safety & EMI Certificates: CE & FCC
- Smart plug & play

PoE Port Management Features

- Web-base on/off per port power function
- Web control power consumption

Technical Specifications

Standards	IEEE 802.3at IEEE 802.3af IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3x Flow Control
Features	Number of Ports: 8 10/100BaseT with RJ-45 Connector: 8 of 8 are PoE PSE
Data Transfer Rate	Ethernet: 10Mbps/Half-Duplex 20Mbps/Full-Duplex Fast Ethernet: 100Mbps/Half-Duplex 200Mbps/Full-Duplex
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP, up to 100 m 100BaseTX Cat. 5 UTP/STP, up to 100 m
Led Indicators	Per Port: (TX): Link/Act, Per Unit: Power
Power Requirement	AC input (90~260V/AC, 50~60Hz) UL Safety
Power Consumption	BESP-T588W: 130 watts; BESP-T588WH: 65 watts
Dimensions	267 x 170 x 45 mm (L x W x H)
Weight	1450 g
Operating Temperature	0 to 45°C
Storage Temperature	-20 to 90°C
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class , CE

Model Name	Description
BESP-T588W	Web-Managed 8-port 10M/100M Switch with 8 PoE PSE - 130 watts available for PoE port and Compliant to 802.3af and 802.3at
BESP-T588HW	Web-Managed 8-port 10M/100M Switch with 8 PoE PSE - 65 watts available for PoE port and Compliant to 802.3af and 802.3at