

802.3at and 802.3af 8-port 10M/100M Desktop PoE+ Switch with 4* or 8* PoE Ports



- * Support PD device at class2 or class3 or class 4
- * Support 802.3af and 802.3at
- * 11" Metal Case
- * PoE on/off DIP-Switch
- * Rack-Mountable to 19" Cabinet(Optional Accessory)
- * Auto-Negotiation, Auto-MDI/MDI-X
- * Internal Power Supply

Introduction

BESP-T584 is 8-port 10M/100M with 4 PSE/PoE+ ports Desktop PoE Fast Ethernet Switch, and BESP-T588 is 8-port 10M/100M with 8 PSE/PoE+ ports Desktop PoE Fast Ethernet Switch. They are designed for small or medium network environment to strengthen its network connection. This product is compact in size, making it ideal for Desktop users with limited space. It also gives you the option of installing it in a 19" cabinet by rack-mount kits or underneath a desk.

IEEE 802.3af Power over Ethernet (PoE) ports

Products feature 4 or 8 IEEE 802.3af and 802.3at Power over Ethernet (PoE) ports supplying up to 30 watts per port. This product can convert standard 90~260V/AC power into low-voltage DC that runs over existing LAN cable to power up IEEE 802.3at & af compliant network accessories. It also features PoE+ awareness to verify whether the network device receive power is IEEE 802.3af or 802.3at compliant, or only the data will be sent through LAN cable. By adding them to existing networking, installing networking products such as Access Points and IP cameras can be easily managed and set up. Wireless device deployments are easily located with available power outlets and network administrators don't need to use heavy AC power adapters anymore.

No Special Networking Cable Required

By adding PoE devices, you can use an existing standard Cat-5 Ethernet cable without a new electrical outlet for both power and data. It helps you reduce installation time and cost.

Auto-MDI/MDI-X

Every port can automatically sense your type of cable, so there is no need for crossover cables whether you are connecting this switch to another switch or to a computer.

Auto-Negotiation

Every port can automatically sense if the connected network devices are running at 10Mbps or 100Mbps and Half/Full-Duplex mode, and adjust accordingly.

Non-Blocking

This switch receives and forwards traffic seamlessly with its non-blocking wire-speed. Every port simultaneously supports up to 200Mbps of bandwidth in full-duplex mode. This feature provides full wire speed to the connected devices and allows you to run a smooth network.

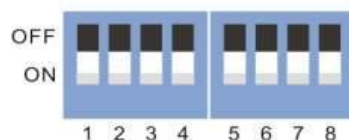
Store and Forward

By this function, this switch can maximize network performance while minimizing the propagation of bad network packets.

PoE port Management Features

- Hardware on/off per port Power function

PoE Power Control Switch



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(X) with 4 or 8 PSE/Power over Ethernet Ports MAC Address: 1K Buffer Memory: 512K bits Transmission Method: Store and Forward
Filtering/Forwarding Rates	100Mbps port - 148,800pps 10Mbps port - 14,880pps
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP
Led Indicators	Per Port: Link/Act, PoE Act/Status Per Unit: Power
Power Input	90~260V/AC, 50~60Hz
Power Output	48V/DC Per Port Output – Up to max 30 W Max Per Port Total power available at BESP-T584: 65 watts Total power available at BESP-T588: 130 watts Total power available at BESP-T588H: 65 watts
Power Consumption	BESP-T584 65 Watts (Max), BESP-T588 130 Watts (Max), BESP-T588H 65 Watts(Max)
Dimensions	267x 170 x 45 mm (L x W x H)
Weight	1.45 kg
Operating Temperature	0 to 45°C
Storage Temperature	-20 to 90°C
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class A, CE

Order Information

Model Name	Description
BESP-T588	8-port 10M/100M with 8 PoE+ ports Desktop PoE Fast Ethernet Switch - Power Budget at 130 watts for PoE port, Compliant to 802.3af and 802.3at
BESP-T588H	8-port 10M/100M with 8 PoE+ ports Desktop PoE Fast Ethernet Switch - Power Budget at 65 watts for PoE port, Compliant to 802.3af and 802.3at
BESP-T584	8-port 10M/100M with 4 PoE+ ports Desktop PoE Fast Ethernet Switch - Power Budget at 65 watts for PoE port, Compliant to 802.3af and 802.3at (Available in OEM Project only)