

# BESP-T588-E Unmanaged PoE Switch

8 x 10/100TX w/PoE Injector Ethernet Switch- External Power Supply Model



## Highlights

- ⇒ Support class2 /class3 /class 4
- ⇒ Support 802.3af and 802.3at
- ⇒ POE+ green Power saving

**BESP-T588-E series are 8 10/100M port Power over Ethernet switch consisting of 8 PSE/PoE ports. The models comply with POE+ IEEE 802.3at and 802.3af with new green power saving idea on PSE Port.**

## Product Features

- 8 Port PSE/ PoE function, compliant with IEEE-802.3af and IEEE802.3at
- Supporting power up to 25Watt/13.5Watt/7.5Watt for each PSE/PoE port
- Providing 8 x 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
- 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
- External Power Supply Input: 48V DC input
- Operating Temperature: 0°C ~ 45°C
- Storing Temperature: -20°C ~ 90°C
- Humidity: 10% ~90% RH (Non-condensing)
- Dimension (L x W x H): 155\*91\*23mm
- Power consumption : 120Watt or 65Watt
- Weight: 0.4 Kg

- Safety & EMI Certificates: CE & FCC
- Smart plug & play

## PoE+ Green power Management Features

- Link up mode: auto detects the level class of Power device, budgets power output for each port.
- Power down mode: auto detect no link/ standby of Power device

## Technical Specifications

<b>Standards</b>	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX/100BaseFX
<b>Features</b>	<b>Number of Ports:</b> 8 10/100BaseT with RJ-45 Connector 8 port PoE ports
<b>Data Transfer Rate</b>	<b>Ethernet:</b> 10Mbps/Half-Duplex 20Mbps/Full-Duplex <b>Fast Ethernet:</b> 100Mbps/Half-Duplex 200Mbps/Full-Duplex
<b>Transmission Media</b>	10BaseT Cat. 3, 4, 5 UTP/STP, up to 100 m 100BaseTX Cat. 5 UTP/STP, up to 100 m
<b>Led Indicators</b>	<b>Per Port:</b> (TX): Link/Act, Per Unit: Power
<b>Power Input</b>	48V DC Jack Input
<b>Power Supply Adapter Included</b>	BESP-T588-E120 (120Watt) ; BESP-T588-E65(65 Watt); BESP-T588-E40(40Watt)
<b>Dimensions</b>	155 x 91 x 23 mm (L x W x H)
<b>Weight</b>	400g
<b>Operating Temperature</b>	0 to 45°C
<b>Storage Temperature</b>	-20 to 90°C
<b>Humidity</b>	10 to 90% RH (non-condensing)
<b>Certifications</b>	FCC Class A , CE

	BESP-T588-E120	BESP-T588-E65
Speed 10/100M	•	•
Ports of Ethernet	8	8
IEEE802.3 10Base-T	•	•
IEEE802.3u 100Base-TX	•	•
Flow control	•	•
Ports of PoE	8	8
802.3at class 2	•	•
802.3at class 3	•	•
802.3at class 4	•	•
Power supply of PoE port	7.5 / 13.5 / 25	7.5 / 13.5 / 25
Total Available Power	120	65
Case 1U		
Internal power		
External power	•	•
48V DC Input	•	•

Product Name	Description
BESP-T588-E	8 x 10/100TX w/ PoE Injector Ethernet Switch: external power supply adapter included ( 120 watt)
BESP-T588-E65	8 x 10/100TX w/ PoE Injector Ethernet Switch+ external power supply adapter included ( 65 watt)