



## 802.3bt 90W High Power PoE++ Splitter



PoE-SP01-BT

### Key Features:

- Support IEEE802.3af/at/bt standard, Both mid-span ( 4/5+, 7/8- ) and end-span ( 1/2+, 3/6- )
- Input voltage 44-57V DC, Output voltage 12V DC(Default), 5~24VDC can be customized.
- Rated output power 60W, greater than 82% efficiency
- Support short circuit, over current and over temperature protection
- 4KV high voltage isolation (input stage to output stage)
- DC interface has dustproof and waterproof measures
- Waterproof design for outdoor use

### OVERVIEW

The POE-SP01-BT is a 10/100M PD waterproof PoE splitter cable. It has 1\*10/100Base-TX PoE port and 1\* RJ45 connector and 1\*DC 12V connector. The invention meets the requirements that various non-PoE network terminals can be externally connected with PoE switches for use, flexibly expands security monitoring and wireless networks without being limited by power line layout, reduces system wiring, improves system stability and safety, and reduces maintenance cost.

The POE-SP01-BT housing is made of ABS and PC flame retardant plastic material, Meeting the standard of IEEE802.3af/at/bt. Compatible with power supply methods of both End-span(1,2+ 3,6-) and Mid-span (4,5+ 7,8-). With the features of output power at 60W, low ripple, more than 82%high efficiency, Port Isolation Protection: 4KV and Protection for short circuit, over-current & over-temperature. Plug and play, no configuration required, simple and convenient to use.

### Surge Protection

This PoE splitter cable is based on the IEC61643-21:2000 standard, Reaching 4KV surge protection, the PoE ports owns the capacity to keep the PoE splitter cable from lightning strikes and other electrical surges, offering reliable performance even in some harsh environments.

### Easy Cabling Installation

Providing high power PoE and Ethernet data extension ability, the POE-SP01-BT is an ideal solution for service providers, campuses and public areas networking applications which require PoE deployment of wireless access points, IP-Based surveillance or IP phones in any places. It enables you to centrally manage the power easily, efficiently and cost effectively.

# PoE-SP01-BT

60W High Power PoE++ Splitter

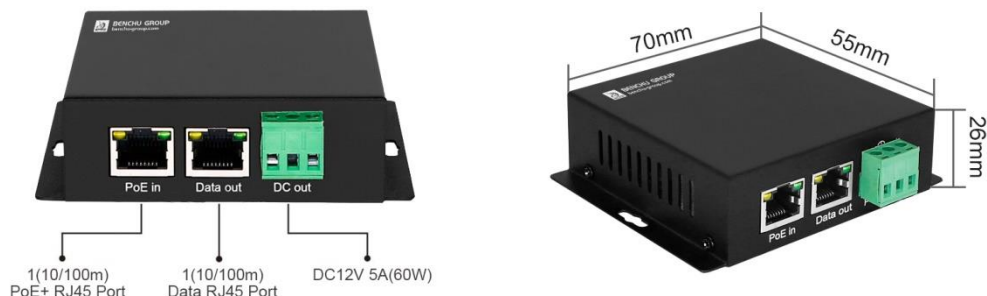
## Technical Datasheet

Model	PoE-EX01-BT
Hardware Specifications	
Interface	PoE in Port: 1 x 10/100BASE-T Ethernet POE PD In Out Port: 1x 10/100BASE-T Ethernet and 1 DC 12V Out,
Ethernet Port	Ethernet port can support 10/100Base-TX auto-sensing, full/half duplex MDI/MDI-X self-adaption
Network Cable	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter)
Transmission Bandwidth (Rate)	10/100Mbps
Dimension (L*W*H)	70*55*26mm
Weight	150g
Power over Ethernet (PoE) Specifications	
PoE Standard	PoE in Port: IEEE 802.3af/at/bt PoE PD
Input Voltage	44-57V DC
Power Pin Assignment	1/2 (+), 3/6 (-) & 4/5 (+), 7/8 (-)
Output Voltage	Default 12VDC± 1.5V, optional 5V,9V,24VDC Default DC5521 plug,
Power Consumption	Standby<1W, Full Load<60W
Standards Conformance	
Standards Compliance	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3x Flow Control IEEE 802.3af Power over Ethernet IEEE 802.3at Power over Ethernet Plus IEEE 802.3bt Power over Ethernet Plus+
Stability Testing	IEC 60068-2-32 (Free fall) IEC 60068-2-27 (Shock) IEC 60068-2-6 (Vibration)
Temperature	Operating: -20~55 degrees C Storage: -40~75 degrees C
Humidity	Operating: 5~90%, (non-condensing) Storage: 5~90% (non-condensing)
Regulatory Compliance	FCC Class A, CE Class A

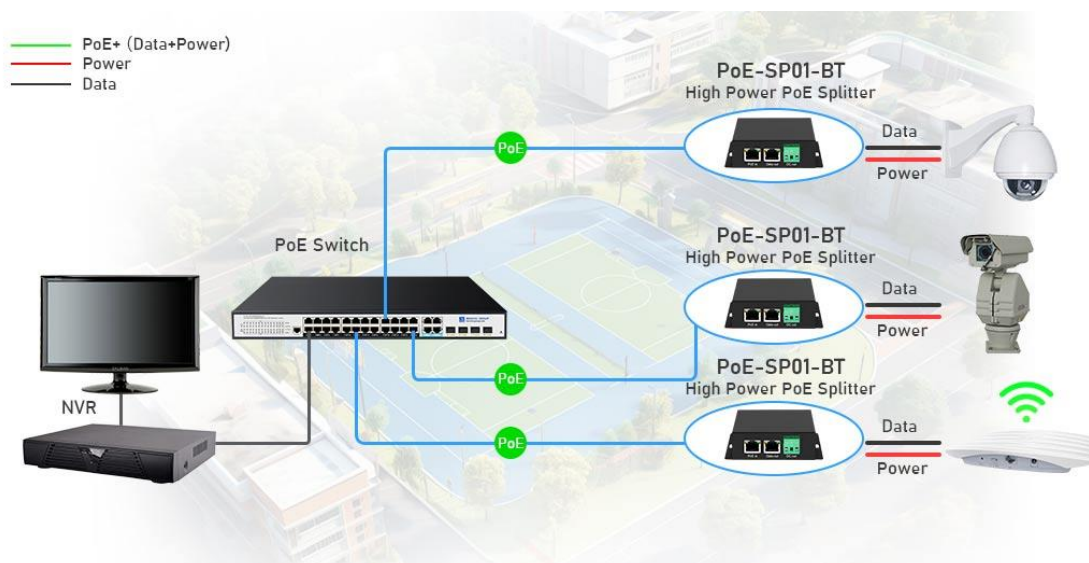
# PoE-SP01-BT

10/100M 60W High Power PoE++ Splitter

## Structure Diagrams



## Applications



## Ordering Information

PoE-SP01-BT

1 Ports 10/100Mbps 60W PoE++ Splitter, 12V Output, Output power 60W