

## BSD-IPEC201BM Series

3-port Unmanaged Industrial PoE Switch, with 1-port 100Base-FX and 2-port 10/100Base-T(X) IEEE 802.3af/at PoE

### Features



- nSupport 2 10/100Base-T(X) PoE port and 1 100Base-FX fiber port.
- nSupport IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af/at.
- nSupport IEEE802.3af, maximum 15.4W power supply.
- nSupport IEEE802.3at, maximum 30W power supply.
- nIndustrial lightning chip design. Lightning Protection up to 8kV, Electronic Static Discharge up to 15kV.
- nDC10-58V redundancy power, Reverse polarity protection.
- nIndustrial grade 4 design, -40-85° C operating temperature.
- nIP40 Rated Aluminum Alloy Housing, DIN-Rail mounted.

### Introduction

BSD-IPEC201BM is a unmanaged industrial PoE switch. This switch provides 2 10/100Base-T(X) ports and 1 100Base-FX fiber port. The Ethernet port support Power-over-Ethernet (PoE) function. The switches are classified as power source equipment (PSE), and when used in this way, the switches enable centralization of the power supply, providing up to 30 watts of power per port and reducing the effort needed for installing power. The switches can be used to power IEEE802.3af/at standard devices (PD), eliminating the need for additional wiring.

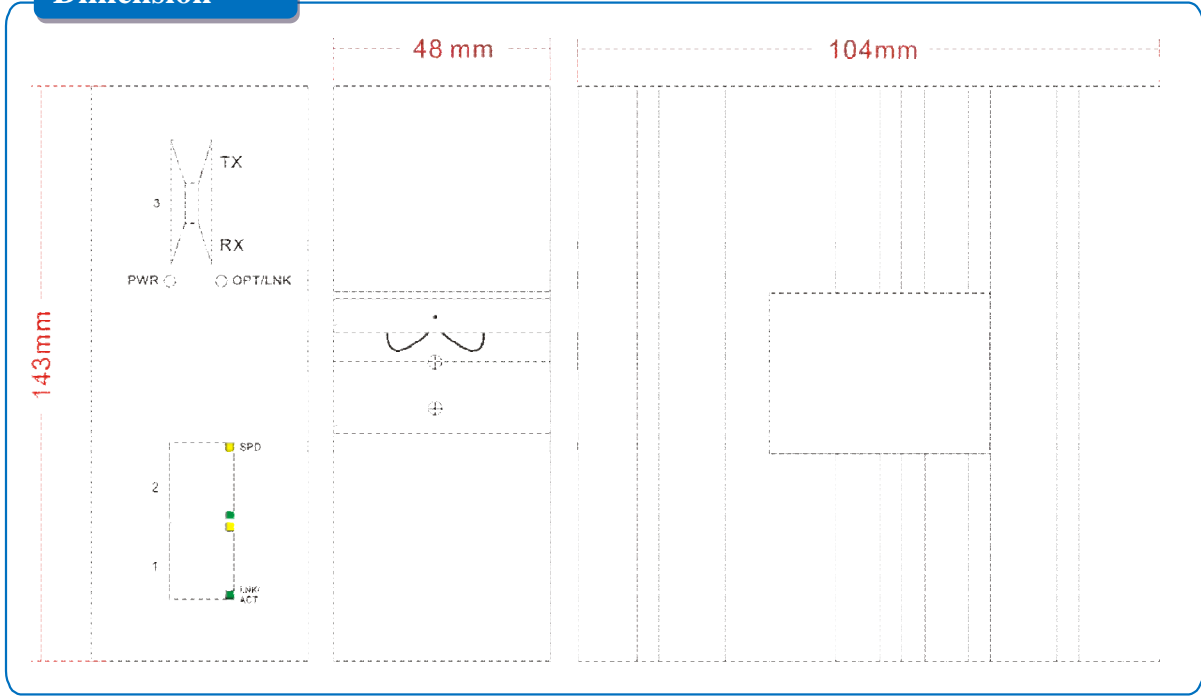
It supports CE, FCC, RoHS standard, adopt industry standard design, IP40 protection, rugged high-strength metal case, power supply input (48VDC). The switch support IEEE802.3/ IEEE802.3u/ IEEE802.3x with 10/100Base-T(X), full/half-duplex, and MDI/MDI-X auto-sensing, the -40~85°C working temperature, can meet all kinds of Industrial environment requirement, providing reliable

and economic solution for your industrial Ethernet network.

### Specification

<b>Protocol Standard</b>	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3af/at
<b>Flow Control</b>	IEEE802.3x flow control, back press flow control
<b>Exchange Attribute</b>	Forwarding Rate: 0.744Mpps Transmission Mode: Store and Forward Packet Buffer Size: 512K Backplane Bandwidth: 1Gbps MAC Table Size: 1K Delay Time: < 3μs
<b>Ethernet Port</b>	10/100Base-T(X) auto speed control, Half/full duplex and MDI/MDI-X auto detect
<b>Fiber Port</b>	100Base-FX fiber port
<b>PoE</b>	Pin-out: 1/2(+), 3/6(-), IEEE802.3af max 15.4w, IEEE802.3at max 30w.
<b>LED Indicator</b>	Power Indicator: PWR Port Indicator: LINK / ACT
<b>Power Supply</b>	Input Voltage: DC48V (DC10-58V) Connector: 6 bit 5.08mm Removable terminal block Full Load: <4W Protection Mechanism: Overload Protection / Reverse Connection Protection / Redundancy Protection
<b>Mechanical Structure</b>	Casing: Aluminum-alloy Case IP Grade: IP40 protection Dimension: 143*104*48mm( L*W*H ) Weight: 500g Installation: DIN-rail mounting, wall mounting
<b>Working Environment</b>	Operating Temperature: -40 to 85°C Storage Temperature: -40 to 85°C Ambient Relative Humidity: 5% to 95% (non-condensing)
<b>Industry Standards</b>	EMI:FCC Part 15 Subpart B Class A, EN 55022 Class A EMS:EN61000-4-2 (ESD), Level 4 at 15kV(Air), 8kV(Contact) EN61000-4-3 (R/S), Level 3 at 10V/m EN61000-4-4 (EFT), Level 4 at 4kV(Power Port), 2kV(Date Port) EN61000-4-5 (Surge), Level 4 at 4kV EN61000-4-6 (CS), Level 3 at 10V/m EN61000-4-8, Level 5 at 100A/m Shock:IEC 60068-2-27 Free Fall:IEC 60068-2-32 Vibration:IEC 60068-2-6
<b>Certification</b>	CE, FCC, RoHS
<b>MTBF</b>	>100,000 Hours
<b>Warranty</b>	5-years

**Dimension**



**Order Information**

Model No.	Description of Goods
BSD-IPEC201BM	Multimode, Dual Fiber, 2Km, SC/ST/FC/LC connector, -40-85°C operating temperature