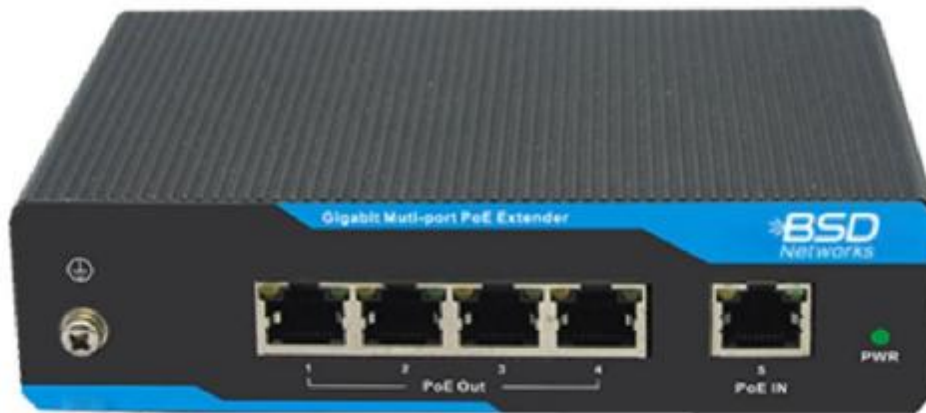


BSD-IPX204

Outdoor Extender



Features

- Compatible with IEEE802.3af, IEEE802.3at, LTPoE++
- One port supply LTPoE++ Ultra PoE input up to 90W
- Four ports supply IEEE802.3at PoE output
- Extends the range of PoE and Ethernet an additional 100 meters
- Forwards both Ethernet data and PoE power to remote device
- No additional power supply is required
- Automatically detects and protects PoE equipment from being damaged by incorrect installation
- Full-rate network throughout the whole extended distance
- Operating Ambient Temperature: -40 to 75°C
- IP30 aluminum case
- DIN rail and wall-mount
- Easy plug-and-play installation

Specifications

Item	Description
PoE Input Port	1 x 10/100/1000Base-T RJ45 port
PoE Output Port	4 x 10/100/1000Base-T RJ45 ports
PoE Input Power	50~57VDC, Up to 90W (LTPoE++)
PoE Output Power	44~57VDC, Up to 30W per port
PoE Power Budget	75W @ LTPoE++ Ultra PoE Input 20W @ IEEE802.3at High PoE Input 10W @ IEEE802.3af PoE Input
PoE Input Pin Assignment	1/2 (-), 3/6 (+), 7/8 (-), 4/5 (+)
PoE Output Pin Assignment	1/2 (-), 3/6 (+)
Indicators	LED indicators are located on the RJ45 connector Power indicator: PoE enabled Network indicator: Link/Act
Network cables	Shielded category 5e (or higher)
Forwarding Rate	10BASE-T: 14880pps / port 100BASE-TX: 148800pps / port 1000BASE-TX: 1488000pps / port
Switch Architecture	Store-and-Forward
MAC address table	8K
Switch Fabric	10Gbps
Switch Buffer	1Mbits
Switch Throughput	7.44Mpps
Traffic control	IEEE 802.3x full-duplex flow control.
Enclosure	IP30 aluminum metal case
Mounting	Wall of shelf
Operating Environmental	Operating Ambient Temperature:-40 to 75°C Relative Humidity: Maximum 90%, Non-condensing
Storage Environmental	Storage Temperature:-40 to 85°C Relative Humidity: Maximum 95%, Non-condensing
Regulatory Compliance	IEEE802.3af (PoE) IEEE802.3at (High PoE) IEEE802.3at-4pair (Ultra PoE)

Power over Ethernet Budget

The following table lists how many PD can be powered

Power Source	PoE Budget	Max Number of PDs Supported	
Ultra PoE PSE (90W)	75W max	Class4 PD@25W	3 units
		Class3 PD@15W	4 units
		Class2 PD@7W	4 units
High PoE PSE (30W)	20W max	Class4 PD@25W	0 units
		Class3 PD@15W	1 units
		Class2 PD@7W	2 units
PoE PSE (15W)	10W max	Class4 PD@25W	0 units
		Class3 PD@15W	0 units
		Class2 PD@7W	1 units

Order Information

BSD-IPX204	1 Ports 60W POE in 4 Ports 30W Output gigabit extender
------------	--