

IP67 WATERPROOF INDUSTRIAL 1 PORT 10/100TX 802.3bt POE+ EXTENDER

DDPEI SERIES



SYNOPSIS

- THE DDPEI-bt IP67 U IS A SINGLE-PORT POE OVER UTP EXTENDER FEATURING LONG RANGE DATA AND POWER TRANSMISSION FOR DISTANCE UP TO 800M (2,624FT.) OVER UTP/STP CABLE, COMPLIED WITH 802.3at/bt POE.
- IT PROVIDES POINT TO POINT APPLICATION FOR EASY PLUG-N-PLAY OPERATION AND DEPLOYMENT IN CLIMATICALLY DEMANDING ENVIRONMENTS WITH WIDE TEMPERATURE RANGE FROM -40 TO 80°C.
- WITHOUT THE POWER SOURCE, THE INSTALLATION OF REMOTE POE PD IS EASIER AND EFFICIENT.
- THE DDPEI-bt IP67 U CONSISTS OF A TRANSMITTER AND A RECEIVER SET WHICH WORK IN PAIR
- IT TRANSMITS DATA AND POWER OVER UTP/STP CABLE TO THE RECEIVER, WHICH CAN BE LOCATED AS FAR AS 800M AWAY.
- A NORMAL UTP CABLE CAN ONLY BE EXTENDED UP TO 100 METERS, BUT DDPEI-bt IP67 U CAN EXTEND POE NETWORKING UP 500 TO 800 METERS ENABLING STABLE, HIGH-QUALITY TRANSMISSION.
- ASSEMBLED WITH WATERPROOF CABLE GLAND TO MAKE RJ45 CONNECTOR WEATHER-PROOF WITH PROTECTION RATING OF IP67.

FEATURES

- POWER AND ETHERNET DATA TRANSMISSION OF 500M@100MBPS, 800M@10MBPS OVER UTP/STP CABLING
- SUPPORT 802.3BT 120W POE IN OR PASSIVE DC37-57V IN. MAX 120W
- POE OUT SUPPORTS IEEE802.3AF/AT/BT, MAX 90W POE OUT
- IP67-RATED, DUSTPROOF AND WATERPROOF
- IK10-RATED, VANDAL-PROOF
- SUPPORTS 10/100M DATA RATES
- SHORT-CIRCUIT, OVERLOAD AND HIGH-VOLTAGE PROTECTION
- PORT SURGE PROTECTION UP TO 6KV
- COMPLIES WITH IEEE 802.3BT POE++ PSE STANDARD
- ONE IEEE 802.3AT/802.3BT POE DEVICES POWERED
- BACKPLANE BANDWIDTH OF 1 GBPS
- PACKET FORWARDING RATE UP TO 0.75MPPS
- MOUNTING HOLES FOR WALL MOUNTING
- EARTHING KIT INCLUDED

APPLICATION DIAGRAM

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TECHNICAL SPECIFICATIONS

Product Description	IP67 Industrial 1-Port 10/100TX 802.3bt PoE+ Extender
Material	Aluminum die-casting body, Nylon waterproof joint
Waterproof grade	IP67
Wire diameter	Support network cables with a Φ of 4-8mm
Fixed Port	1 * LD * 10/100Base-TX in 1 * 10/100Base-TX out
PoE in	Supports IEEE802.3af/at/bt, max 120W PoE in Supports Passive DC37-57V in. MAX 120W
PoE in Pin	1-2+ 4-5+, 3-6- 7-8-
PoE OUT	Supports IEEE802.3af/at/bt, max 90W PoE out
PoE OUT Pin	1-2+ 4-5+, 3-6- 7-8-
Bandwidth	1Gbps
Packet Forwarding	0.75Mpps
MAC	1K
Buffer	768K
LED Indicator	PoE in, POE out, Port in, LAN SPEED, Port out
Certificate Tested for	CE-EMC EN55032, CE-LVD EN62368, FCC Part 15 Class B, RoHS

MECHANICAL

Dimension (L*W*H)	160*43*43mm
Weight	0.19kg
Installation	Desktop, wall installation
Lightning Protection level	6KV 8/20us

ENVIRONMENTAL

Operation Temperature	-40 to +80°C
Storage Temperature	-40 to +90°C
Operation Humidity	5% to 90% RH Non-condensing
Storage Humidity	5% to 95% RH Non-condensing

ORDERING CODE

DDPEI-bt IP67 U

DDPEI-bt IP67 U	Industrial 1-Port 10/100TX 802.3bt PoE+ Extender with IP67 enclosure and Supports 802.3bt PoE+
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