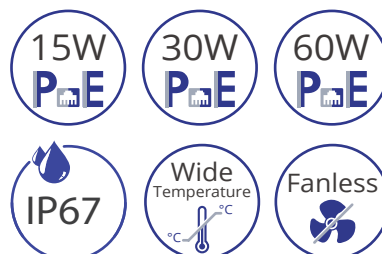
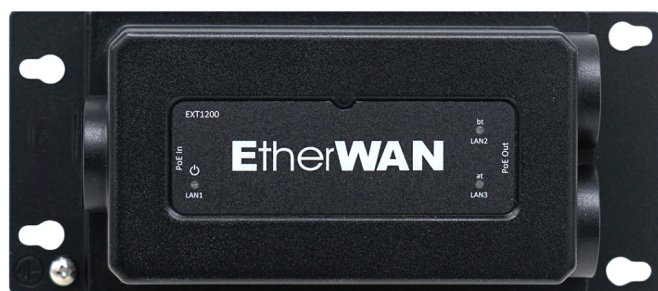


EXT1200

Hardened Gigabit IP67 PoE Extender



Product Highlights

➔ PoE (Power over Ethernet) Extension

- Provides PoE extension functionality for Ethernet applications that require distances longer than 100m (328ft)
- Dual output up to 60W total for various security applications such as PTZ cameras
- Can be daisy-chained up to 4 units

➔ Hardened-Grade for Non-Ventilated & Harsh Environments

- Wide operating temperature range from -40 to 75°C (-40 to 167°F)
- IP67 water resistance and fanless operation
- High impact, thermal shock, and electrical noise resistance

➔ Support

- Complimentary Technical Support
- In-person training and free online training courses available
- Limited Lifetime Warranty

Overview

EtherWAN's EXT1200 is a compact hardened IP67-rated PoE extender. Requiring no external DC power, the EXT1200 provides a simple and cost-effective method of extending a PoE connection beyond the standard 100 meter limit for copper Ethernet cabling while maintaining the data speeds.

Ordering Information

Model

EXT1200

Hardened Gigabit IP67 PoE Extender

Hardware Specifications

Interface		+
Ethernet	3 x 10/100/1000BASE-T(X) RJ45 (1 PD, 2 PSE)	
LED Indicators	PoE In: PoE (Amber), TX Port (Green), TX Transmission (Green flash) PoE Out: PoE (Amber), TX Port (Green), TX Transmission (Green flash)	
Technology		+
Standards	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3x full duplex and flow control IEEE 802.3af PoE IEEE 802.3at PoE+ IEEE 802.3bt PoE++	
Forward/Filtering Rate	14,800pps for 10Mbps 148,810pps for 100Mbps 1,488,100pps for 1000Mbps	
Processing Type	Store-and-forward Auto-negotiation Half-duplex back-pressure and full- duplex flow control Auto MDI/MDIX	
Properties and Performance		+
Switching Fabric	6Gbps	
Jumbo Frame Size	9KB	
MAC Table Size	2K	
Packet Buffer Memory	1Mb	
Power		+
Input	PoE Power Input 90W Max	
Output	Total PoE Output 60W Max	
Physical		+
Casing Material	Aluminum	
IP Rating	IP67	
Dimensions	6.56" x 2.89" x 1.74" (W x D x H) 166.5 x 73.45 x 44.3mm	
Weight	1.0lbs (0.45kg)	
Installation Type	Wall/Panel mounting	

Environmental		+
Operating Temp.	-40 to 167°F (-40 to 75°C)	
Storage Temp.	-40 to 185°F (-40 to 85°C)	
Relative Humidity	5% to 95% (non-condensing)	
MTBF	>522,000 hours @ 50°C	
Regulatory		+
ISO	Manufactured in ISO-9001 facility	
EMI	FCC Part 15B Class A	
EMS	EN 61000-4-2 (ESD) EN 61000-4-4 (Burst) EN 61000-4-5 (Surge)	
Safety	UL 62368-1	
Vibration	EN 60068-2-6	
Shock	EN 60068-2-27	
Free Fall	EN 60068-2-32	
Warranty		+
Length	Limited Lifetime	
Details	www.etherwan.com/support/warranty-policy	
What's Included		+
Device	PoE Extender	
Installation	Waterproof Cable Glands	
Documentation	Quick install guide	

Dimensions

