PoE Extender

Extends PoE Network Range Up To 500 meters

Extend your wireless network access and place IP cameras where you need them most.

WLAN APs often have to be installed more than 100m away from the communications room, which not only breaks the IEEE Ethernet standard but also significantly reduces network performance, considerably lowering the bandwidth available. With the PowerDsine PoE-extender you can easily improve the range and placement of your wireless and surveillance networks and therefore the strength of your networks.

A cost-effective way to extend the Ethernet network range beyond 100m, the PoE-extender will deliver both data and power to network devices up to 200m while complying with IEEE PoE and data standards.

The PoE-extender has both a PD and a PSE chip inside so both the power and the data may be reliably transmitted beyond 100m. The extender acts as a pass-through with data-repeating capabilities.

PoE Extender Features

- Plug and play installation

- Supports 10/100/1000 Mbps data transfer rates

- Up to 30W of PoE

- Standard Cat5 or better Ethernet cables required
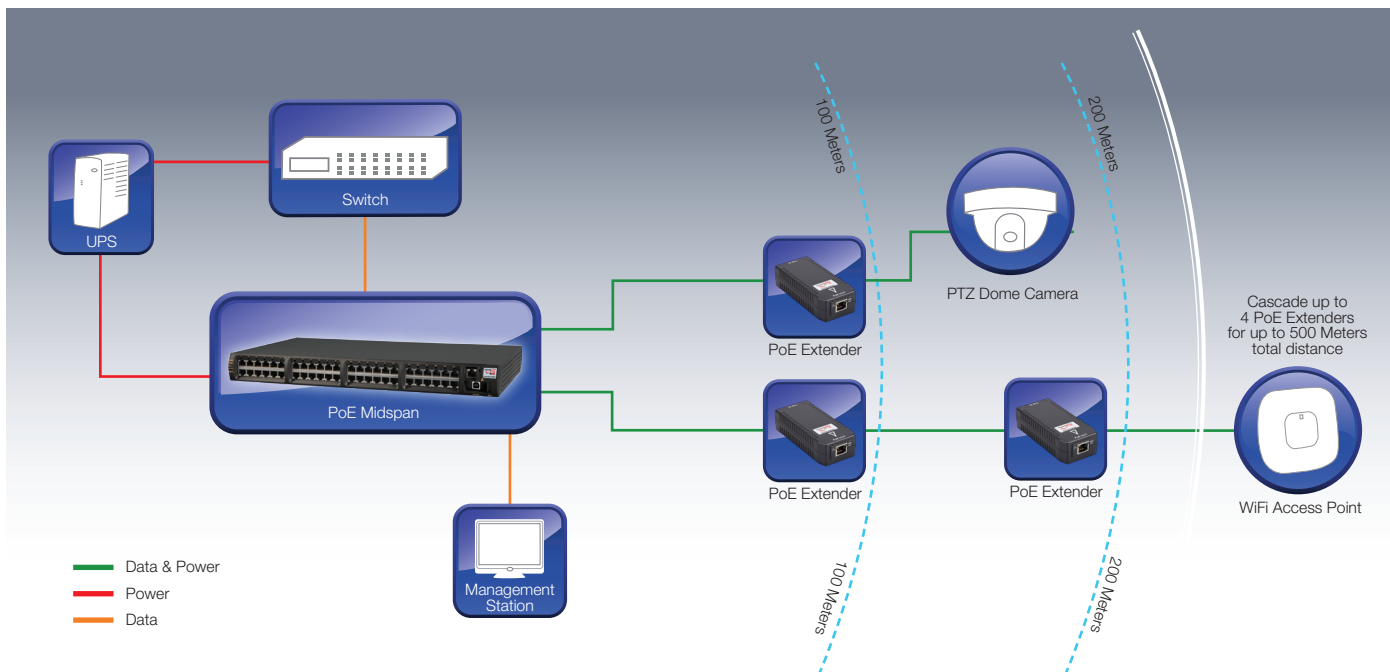
- Cascaded for up to 500m

Microsemi delivers Power over Ethernet to remote Ethernet based devices up to 500m away.

How far can your PoE go?

Microsemi PoE-extenders can be cascaded to reach up to 500m from the closest datacenter or network closet so you can easily install WLAN APs, IP cameras and access controllers where you need them.

PSE Source	PD Available Power @ 200m
4-pairs IEEE802.3at PSE (60W) (e.g. PD-95xx Series)	25.5W (802.3at PD)
IEEE802.3af PSE (15.4W) (e.g. PD-35xx, PD-65xx Series)	12.3W (802.3af Class 2 PD)

Switch

UPS

PoE Midspan

Management Station

PoE Extender

PoE Extender

PoE Extender

PTZ Dome Camera

WiFi Access Point

100 Meters

200 Meters

100 Meters

200 Meters

Cascade up to 4 PoE Extenders for up to 500 Meters total distance

— Data & Power
— Power
— Data

Think outside the building

Outdoor installations of WLAN APs, IP camera's and access controllers can be done using a PowerDsine PD-9001G-40/SP with internal surge protection. Simply connect the outdoor device through the 40W PD-9001G-40/SP midspan. For outdoor devices beyond 100m that require the use of a PoE-extender, external surge protection will still be required.

Flexible, adaptable networks

Microsemi PoE systems by Microsemi let you build flexible, powerful networks that can grow and adapt as your network evolves. By decoupling the data and power networks, and making power part of the infrastructure you can both prolong the life of your data network and reduce the overall cost of it. Power is the single highest point of failure in any data network, and replacing PoE ports is more expensive than replacing non-PoE ports. Additionally, adding PoE through a separate midspan device lets you buy exactly the PoE ports you need, at the power levels you need them; thereby reducing hard costs as well as energy costs.

Microsemi Corporate Headquarters
One Enterprise, Aliso Viejo, CA 92656 USA
Within the USA: +1 (800) 713-4113
Outside the USA: +1 (949) 380-6100
Sales: +1 (949) 380-6136
Fax: +1 (949) 215-4996
email: sales.support@microsemi.com
www.microsemi.com

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Ethernet Modules *category:*

Click to view products by Microsemi *manufacturer:*

Other Similar products are found below :

TDKEZW3 V23993-USB1029A 100-POE4 FC6A-PH1 W4S105C GX-ID1611 X520QDA1 BCM84794A1KFSBG X520DA2OCP 808-38157 7506GX2 TC EXTENDER 2001 ETH-2S 105FX-SC-MDR 110FX2-SC BCM54291B0IQLEG 7000-P3201-P050150 750-494 750-495 750-643 750-940 852-1322 852-1328 852-1812 852-1813 852-1816 LANTICK PE-0-16 LANTICK PE-16-0 RBMTXLITE-L4X2.X.X.X.X. USR-TCP232-T2 2017008 EKI-7708E-4F-AE EKI-7708E-4FP-AE EKI-7708G-4FP-AE 2352903-2 EGU-0702-SFP-T EKI-2706G-1GFPI-BE SW-125 SW-525 SW-725 1005957 1006191 304TX-N WIZ107SR_TTL ES-320 TDKEZW5 2003025 2003037 2013040 2013050 2014120