



# Gigabit 4PPoE Extender, 90W, 4 ports



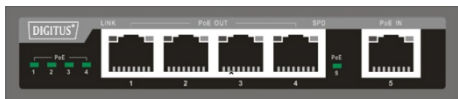
**Manual**  
**DN-95128-1**

## Product introduction

The DIGITUS® Gigabit 4PPoE Extender supports the latest networking technology to extend your Ethernet signal to up to 100 metres. The extender is powered by 4PPoE (4-Pair Power over Ethernet or lower), so you do not need an additional power adaptor and can use the device, even where there are no power cables or sockets, to significantly increase the network range. With the PoE+ and 4PPoE support, you can also connect devices with higher power consumption, such as access points, POS systems or video telephones. Choose future-orientated 4PPoE technology with the Gigabit 4PPoE Extender from DIGITUS®.

## Front panel

The front panel consists of LED indications and network ports.



### PoE Ports:

- **PoE IN:** Meets the following standards: IEEE802.3af (PoE), IEEE802.3at (PoE+), IEEE802.3at (4PPoE)
- **PoE OUT:** Meets the following standards: IEEE802.3af (PoE), IEEE802.3at (PoE+)

### LED Lamp:

- **Link/Act indicator:** the light indicates the network connection through the corresponding port.  
Flicker indicates that the extender is sending or receiving data
- **SPD indicator:** when it lights, it indicates the link through that port is successfully established at 1000Mbps. Otherwise, it will be off but still functioning.
- **PoE indicator:** constant brightness indicates that the PD device is connected to the corresponding port, and extinguished indicates that the port is not powered or no PD device is found.

## Real panel:



## Hardware installation

This chapter provides unpacking and installation information for the unmanaged PoE Extender.

### First step: open a seal

Open the shipping carton and carefully unpack its contents. Please consult the packing list located in the User Manual to make sure all items are present and undamaged. If any item is missing or damaged, please contact the local reseller for replacement.

- PoE extender 1pcs
- User manual 1pcs

### Second step: installation

For safe installation and operation, it is recommended that you:

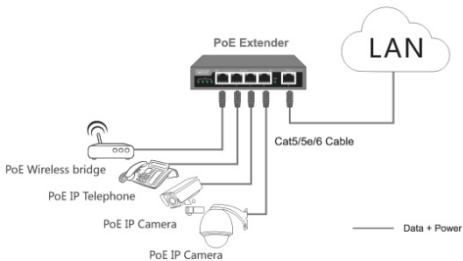
- Make sure that there is proper heat dissipation and adequate ventilation around the device.
- Do not place heavy objects on the device.

## Desktop or Shelf Installation

When installing the extender on a desktop or shelf, the rubber feet included with the device must be attached on the bottom at each corner of the device's base. Allow enough ventilation space between the device and the objects around it.



## Network connection



## Technical specifications

<b>Summary</b>	
Fixed port	4x10/100/1000Mbps PoE OUT ports 1x 10/100/1000Mbps PoE IN ports
Standards and protocols	IEEE802.3 10Base-T Ethernet standard IEEE802.3u 100Base-TX Fast Ethernet standard IEEE802.3ab 1000Base-T Ethernet standard IEEE802.3z Gigabit Ethernet (fiber) IEEE802.3x Full duplex flow control and Backpressure Half duplex flow control IEEE802.3ab Link aggregation
Forwarding Rate	10/100/1000Mbps
LED Indicators	Link/Act, SPD, PoE
Operating temperature	0°C 40°C
Storage temperature	-10°C 70°C
Relative humidity	20% 85% (non-condensing)
Exchange capacity	10G
MAC Addresses	2K
<b>PoE Technology</b>	
PoE Compliance	100% IEEE 802.3af, 802.3at compliant
PoE Classification	PSE (Power Sourcing Equipment)
PoE Voltage	+52 VDC
PoE Power Budget	30W - 85W
PoE Power	Up to 30 W per port
PoE Operation	Automatic detection and power management
PoE Pin Assignments	V+ (Pin 1, 2), V- (Pin 3, 6)
PoE IN	Compatible with IEEE 802.3af/at
	0 - 5 PoE rating
	Traditional 36V UVLO
	Current limit and foldback protection
	Overheating protection
<b>Mechanical</b>	
Casing	Metal
Dimensions (W x L x H)	130mm x 86mm x 29 mm
Installation	Desktop

This is a Class A product. In home environment, this product may cause radio interference. In this case, the user may be required to take appropriate measures.

Hereby Assmann Electronic GmbH, declares that the Declaration of Conformity is part of the shipping content. If the Declaration of Conformity is missing, you can request it by post under the below mentioned manufacturer address.

**[www.assmann.com](http://www.assmann.com)**

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