

## POE152 - Quick Start Guide



### User Information

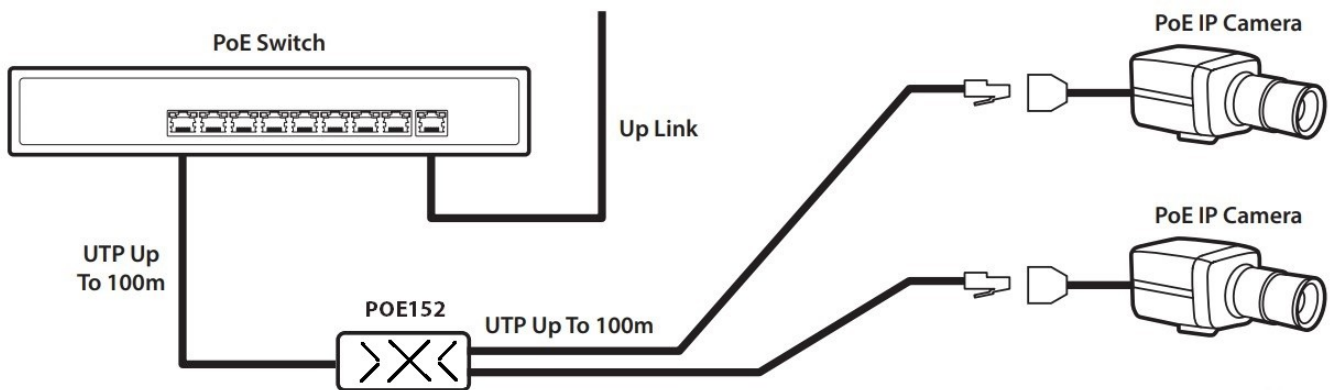
- The POE152 must be installed in a clean, dry environment where it will not be exposed to high temperatures, moisture or excessive dust.
- Do not touch the POE152 or any of its connections with wet hands.
- There are no user serviceable parts in the POE152 and opening or attempting to repair the product will void the warranty.
- Do not install or use the device if the CAT5e/CAT6 Ethernet Cables connected are damaged.

The POE152 is a high speed IP PoE extender and 2 way splitter.

Full 1Gbps in and out extending PoE past the 100m mark and also adding on a 2nd IP device or connection, powered by the inbound IP for ease of installation.

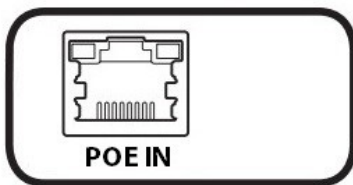
### How It Works

The POE152 is easy to install into an IP CCTV system as shown below. It can be installed at the end of a 100 meters network cable to extend the network and PoE supply by 100 meters at full speed.

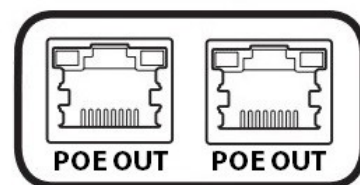


### Connections

The POE152 is powered via PoE so no additional cabling is required.















The POE152 is connected to the network switch using a CAT5e/CAT6 Ethernet Cable terminated into an RJ45 plug.



Connect a CAT5e/CAT6 Ethernet Cable terminated into an RJ45 plug to the load device, such as an IP camera.

The PoE Out ports can support IEEE802.3af/at PoE standard, single-port PoE power up to 25W.

## LED Status Indicators

Input / Output	LED	Condition	Status
POE IN	Network Link	 On	The port is connected
		 Off	No connection to the port
		  Flashing	The port is transmitting or receiving data
	POE	 On	The port is linked and receiving power
		 Off	The port is not receiving power
POE OUT	Network Link	 On	The port is connected
		 Off	No connection to the port
		  Flashing	The port is transmitting or receiving data
	POE	 On	The port is linked and providing power to a device
		 Off	The port is not providing power to a device

## Troubleshooting

Problem	Possible Cause	Solution
No Power light on Switch	No power to the device	Check power to device from external source. Check that the power lead (IEC lead) is plugged in to the PSU and the PSU is plugged into the switch.
	Loose connection	Check that the power lead (IEC lead) is plugged in to the PSU and the PSU is plugged into the switch.
Network light not flashing	Poor quality cable or termination	Check the Ethernet cabling to your device is of good quality and is terminated correctly.
No PoE on connected device	Poor quality cable or termination	Check the Ethernet cabling to your device is of good quality and is terminated correctly
	Total power consumption exceeded	Check the load devices are not above the total power consumption of the switch.
	Cable length	Check the distance of Ethernet cable to your device. Ethernet cables have a 100m maximum length.
Slow flashing LEDs, No Network or PoE on load devices	Faulty cable or device	Turn the power off to the switch & unplug the load devices (Check Ethernet cabling to load devices). Leave the switch turned off for 10 seconds and then power the switch back up, plug each device back into switch individually to help troubleshoot the suspect cable.

## Specification

Max Input Cable Run	100m
Max Output Cable Run	100m
Input Power	25W
Output Power	25W
Bandwidth	10/100Mbps/Full Gigabit
Use	Internal Use Only
Dimensions	W50 x D103 x H29mm

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