POE606 - Quick Start Guide

User Information

- The PoE Switch 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 PoE Switch or any of its connections with wet hands.
- Ensure the power is switched off if the PoE Switch is not in use for a long period of time.
- There are no user serviceable parts in the PoE Switch and opening or attempting to repair the product will void the warranty.
- Only use the PSU originally supplied with the product.
- Do not install or use the device if the power cable is damaged.

The POE606 is a power 1Gbps 4 way switch that can supply up to 71W of power per port.

Designed for higher load POE CCTV Equipment such as PTZs or you can use it to power other devices such as PoE extenders.

Because of the very high 71W output per port the power supply is external to the switch supplied with it.
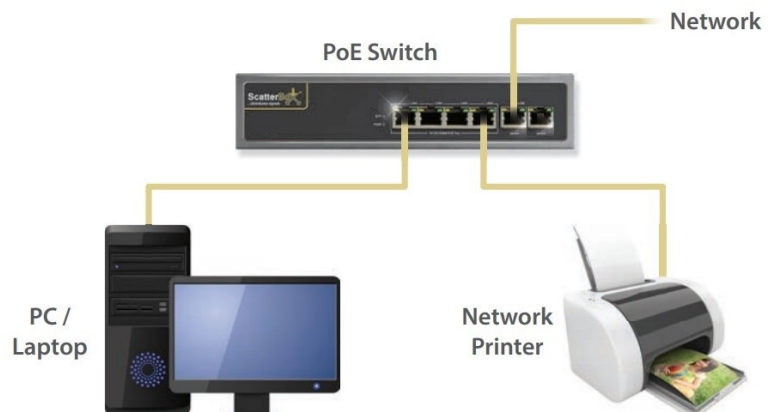
Setup Options

Option 1

To power IP Cameras using the PoE switch then connect the IP Cameras using CAT5e/CAT6 Ethernet Cable, for longer distances we recommend using high quality cable, with solid copper cores.

Option 2

Provide network infrastructure to PoE and non-PoE Devices, like computers, and other Network devices.

LED Status Indicators

LED	Condition	Status
Power	On	The switch is receiving power
	Off	The switch is not receiving power
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

Downlinks	4 x RJ45
Uplinks	2 x RJ45
PoE	71W (Max per port)
Power	250W (Whole device maximum)
Bandwidth	10/100Mbps/Full Gigabit
Use	Internal Use Only
Working Temperature	0°C ~ 40°C
Power Input	240V AC (PSU and Lead supplied)
Dimensions	W118 x D95 x H28mm

All specifications are approximate. System Q Ltd reserves the right to change product specifications or features without notice. Whilst every effort is made to ensure that these instructions are complete and accurate, System Q Ltd cannot be held responsible for any losses, no matter how they arise, from errors or omissions in these instructions, or the performance or non-performance of the equipment refered to.

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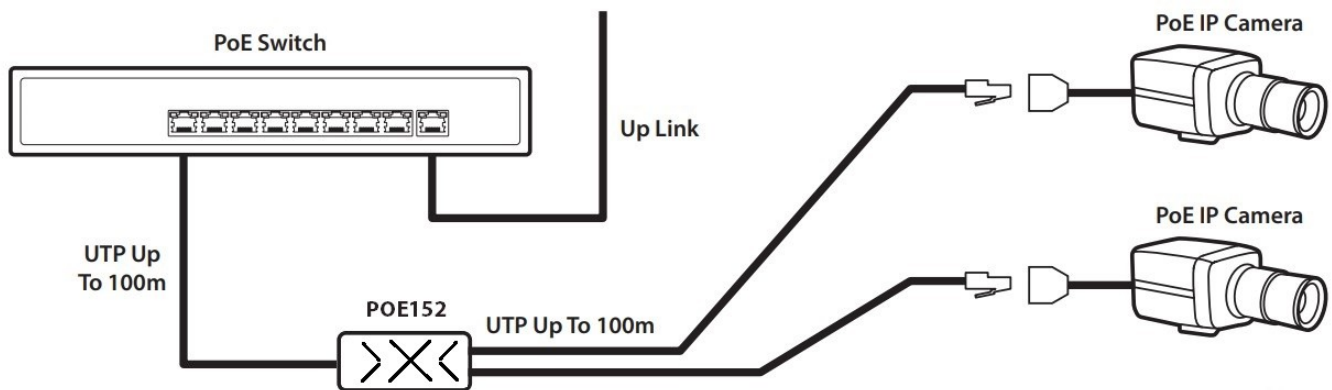
The POE152 is a high speed IP PoE extender and 2 way splitter.

Full 1Gbps in and out this is a really useful piece of kit for both 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.

LED Status Indicators

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 IN - POE	On		The port is linked and providing power to a device
	Off		The 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 Cable Run	Max 100m
Input Power	25W
Output Power	25W
Bandwidth	10/100Mbps/Full Gigabit
Use	Internal Use Only
Dimensions	W 50 x D103 x H29mm

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