



# SystemQ POE308 Scatter Box 10 Port 100Mbps PoE Switch User Guide

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## SystemQ POE308 Scatter Box 10 Port 100Mbps PoE Switch



A PoE switch is a network switch that has power over Ethernet built-in. The PoE switch will detect whether the load device is PoE compatible and provide PoE power automatically and network connection. The units add extra flexibility to a network infrastructure thanks to 100-meter run capabilities both in and out of them.

### 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 Switches have different uses and setup options. Including providing power to PoE Cameras, and providing network access to devices like computers.

### Setup Options

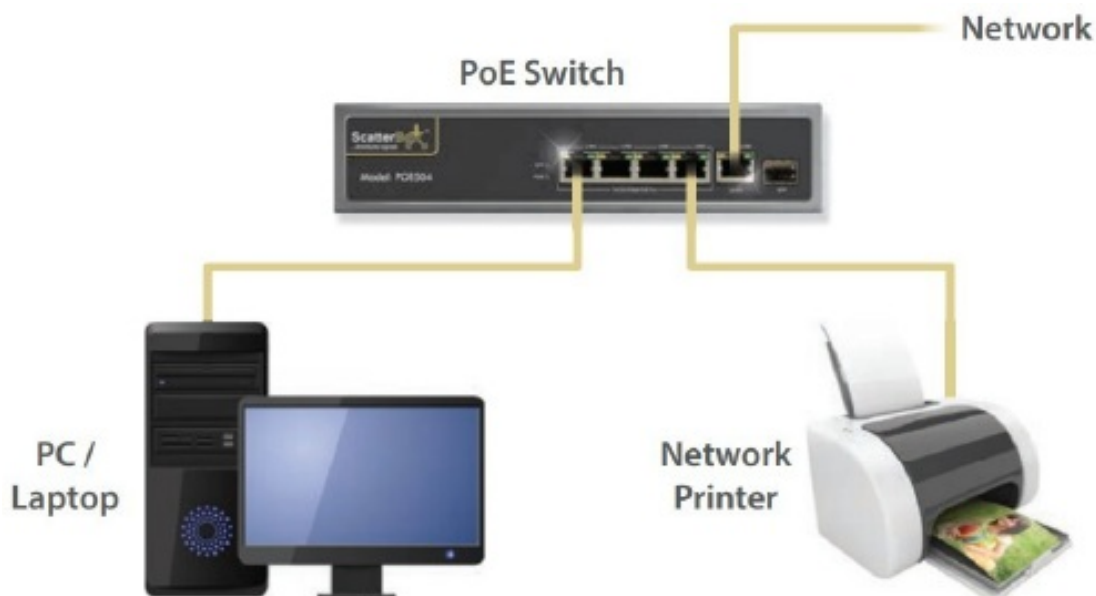
#### Option 1

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. cores.



## Option 2

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



## LED Status Indicators

The VLAN switch allows separation between ports. As the default VLAN is off, when VLAN is on ports on the different blocks won't be able to see each other. Note that the UPLINK does see all ports so the separation is only between ports.

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

## 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.
Connected devices not powering	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 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 trouble shoot the suspect cable.

Downlinks	8 x RJ45
Uplinks	2 x RJ45
PoE	30W (Max per port)
Power	120W (Whole device maximum)
Bandwidth	10Mbps / 100Mbps
Use	Internal Use Only
Working Temperature	0°C ~ 40°C
Power Input	240V AC (Lead supplied)
Dimensions	(w)210 x (d)136 x (h)44.5mm


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 referred to.



### Quick Start Guide – qPOE308

This symbol indicates that equipment must not be mixed with general household waste. For treatment, recovery and recycling please return to your local designated WEE/CG0783SS collection point as defined by your local council.

### Documents / Resources

	<p><a href="#">SystemQ POE308 Scatter Box 10 Port 100Mbps PoE Switch</a> [pdf] User Guide POE308, Scatter Box 10 Port 100Mbps PoE Switch</p>
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