

Power Over Ethernet Switch[®] Installation Guide

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Part Number: 700-0193 R001



The POE Switch supplies power and Ethernet connectivity to link the mobile DVR with devices such as:

- Seon Smart Reach Lite[®] Wi-fi device (see *Seon Smart Reach Lite Installation Guide* 700-0156)
- Seon CHW Series HD camera (see *Seon CHW Series Camera Installation Guide* 700-0149)
- Seon Smart Reach device (see *Seon Smart-Reach Installation Guide* 700-0067)



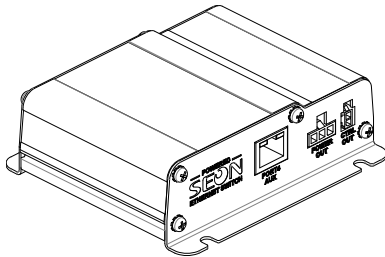
CAUTION: Not IEEE802.3 Compliant

The Seon POE Switch is designed to power the Smart-Reach Lite and CHW Series HD camera products only. Connecting other devices to the powered ports (PORT2 and PORT3) on the Seon POE Switch will void the warranty and may damage the POE, the device, or both. Seon is not responsible for any damage caused by product misuse.

Package Contents (typical)

The contents of a typical installation package are shown below. The actual contents of your installation package may vary.

- Power over Ethernet (POE) Switch
- 8 mounting screws (4 Hex head #10 × 3/4", 4 Phillips head #10 × 3/4")
- POE Switch Installation Guide



Cables:

- Ethernet cable (POE to DVR)
- Control cable (POE to DVR)
- Power cable and 7.5A fuse
- Control cable (POE to Smart reach (optional))
- Power to Smart Reach cable (optional)

Tools and Equipment

Check that you have all the system components and inspect the units for any scratches or damage before installing.

The required installation tool is a 5/16" Hex socket or driver or Phillips driver for the POE Switch's mounting screws

Location Requirements

Find the appropriate location for the installation of the POE Switch within the range of the cables provided and in line with the DVR and device locations.



CAUTION

Do not install the POE Switch in a location where the unit is exposed to moisture or unintended handling.

Route the wiring and cables away from sharp edges that might damage the cable insulation. Avoid sharp bends in the cable.

Install the POE Switch

Secure the POE Switch to the mounting surface using the four Hex head #10 × 3/4" self drilling screws or the four Phillips head #10 × 3/4" screws.

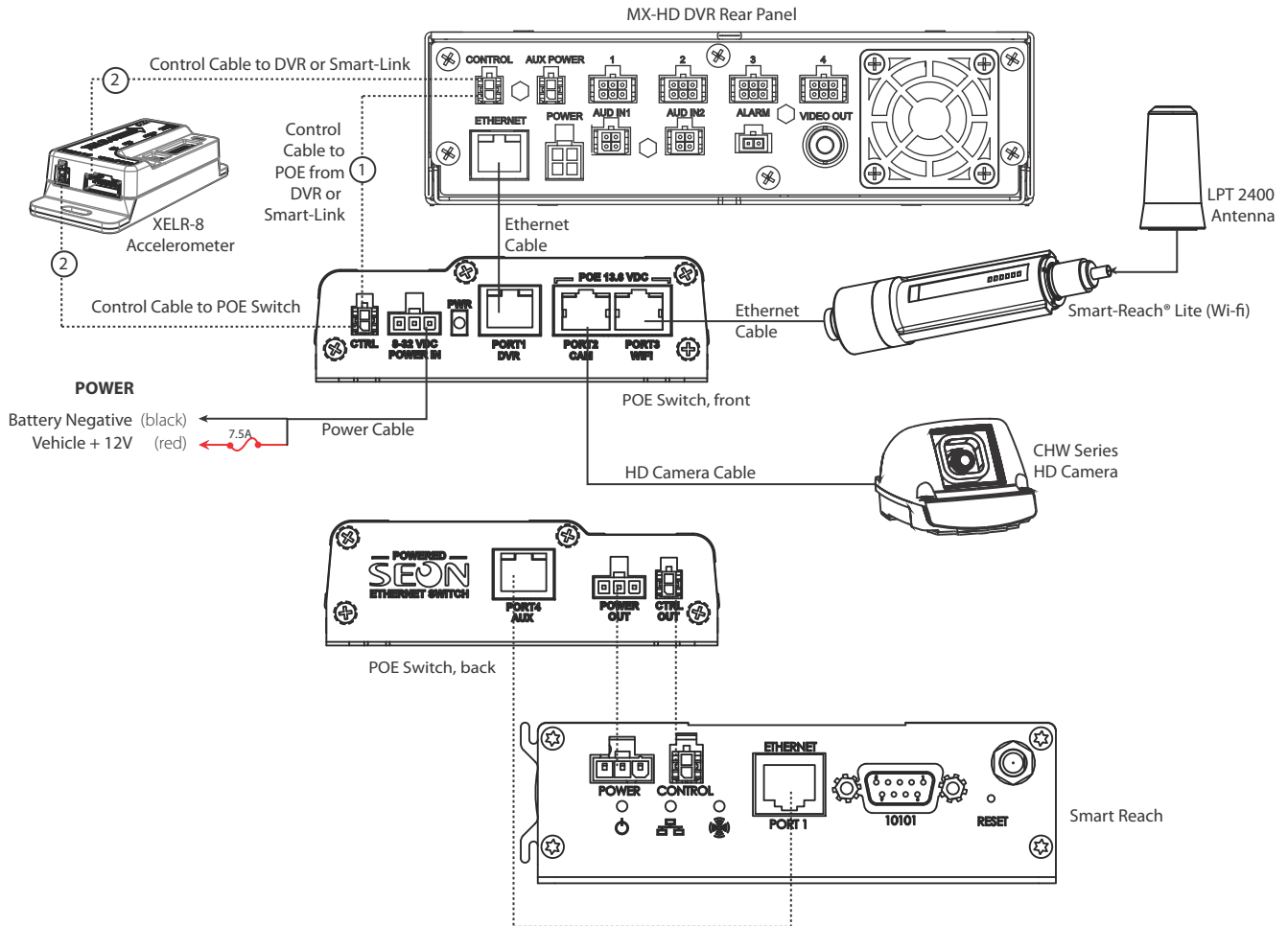
Allow clearance for cables.

Connect the POE Switch Cables

Connect the cables using the following steps and as shown in the Installation Diagram.

- 1 Connect the Ethernet cable from the Smart-Reach Lite and the CHW Camera cable to the designated ports on the POE.
- 2 Connect the Ethernet cable from the DVR socket on the POE to the ETHERNET socket on the DVR.
- 3 Connect the control cable from the CTRL socket on the POE to the CONTROL socket on the DVR, XELR-8 Sensor, or Smart-Link.
- 4 Connect the power cable from the POWER socket on the POE Switch to a battery power source with the fuse in-line.

Installation Diagram



Powering the System On

Turn the vehicle ignition on to power up the components.

When the DVR sends a control signal to the POE, the Power light on the POE comes on.

Customer Service Contact Information

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