

Power Over Ethernet Injector[®] Installation Guide

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Part Number: 700-0166 R003



The POE Injector supplies power and links the mobile DVR to 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)



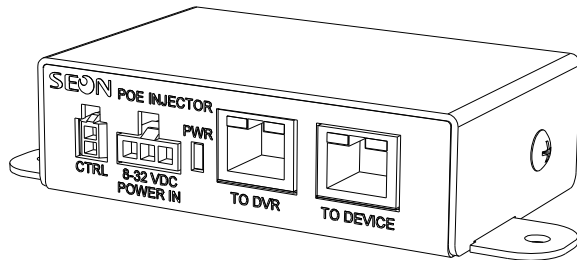
CAUTION

The Seon POE Injector is designed to work with Seon Smart-Reach Lite or CHW Series HD camera products only. Connecting other devices to the Seon POE Injector will void the warranty and 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) injector and 2 mounting screws



Cables:

- Smart-reach Lite Ethernet cable or CHW Camera harness (POE to device)
- Ethernet cable (POE to DVR)
- Control cable (POE to DVR/Smart Link)
- Power cable and 5A fuse (Smart-Reach Lite only)
- Power cable and 7.5A fuse (CHW Camera only)

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 for the POE Injector's self tapping mounting screws

Location Requirements

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



CAUTION

Do not install the POE Injector 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 Injector

Secure the POE Injector to the mounting surface using the two #10 × 3/4 self drilling screws. Allow clearance for cables.

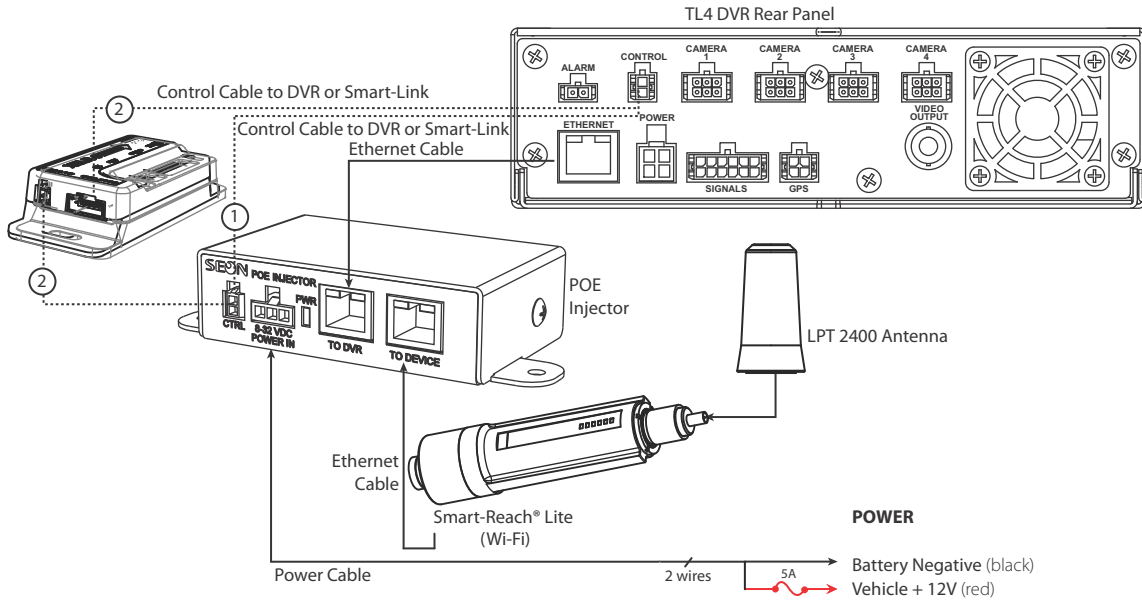
Connect the POE Injector Cables

Connect the cables using the following steps and as shown in the Installation Diagrams on page 2.

- 1 Connect the Ethernet or CHW Camera cable from the device to the TO DEVICE socket on the POE.
- 2 Connect the other Ethernet cable from the TO 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 Depending on the device being used with the POE, connect the power cables as follows:
 - For the Smart-Reach Lite power, run the cables to the battery.
 - For the CHW HD Camera power, connect the power cable to the DVR Power socket and connect the DVR power cable to the extension socket of the power cable.

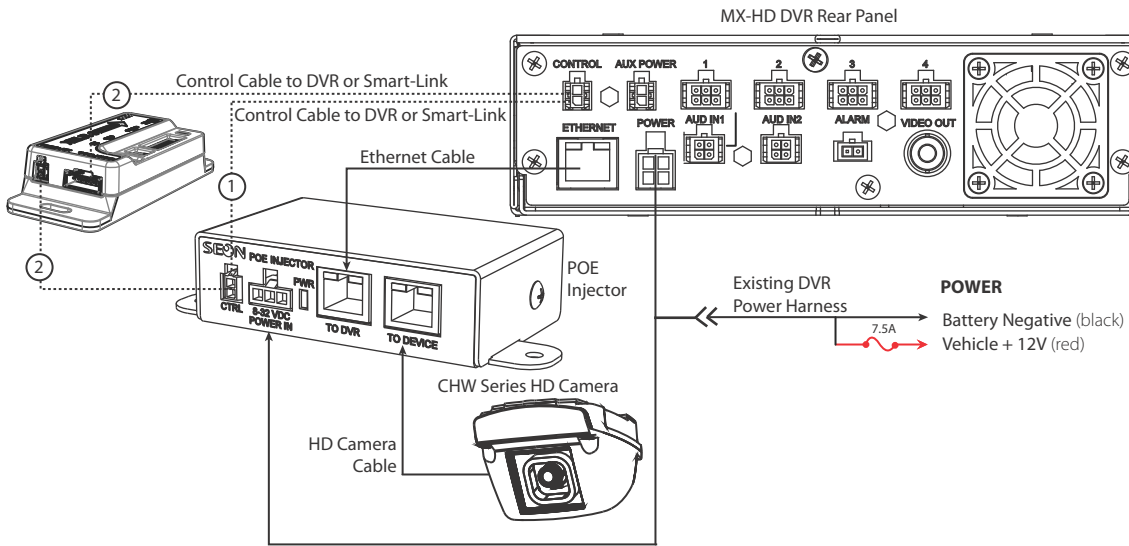
Installation Diagrams

Smart-Reach Lite



1. Used when control of POE Injector only is required.
2. Used when control of XELR-8 and POE Injector is required.

CHW Series HD Camera



Power Cable, connects inline with DVR power harness. Replace existing constant battery 5A fuse with supplied 7.5A fuse.

1. Used when control of POE Injector only is required.
2. Used when control of XELR-8 and POE Injector is required.

Powering the System On

Turn the vehicle ignition on to power up the components.

When the DVR or Smart-Link sends a control signal to the POE, the Power light on the POE comes on.

Customer Service Contact Information

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