



POE90U1BT Series HPoE Injector

C1357M (2/18)

REGULATORY NOTICES

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RADIO AND TELEVISION INTERFERENCE

This equipment has been tested and found to comply with the limits of a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However there is no guarantee that the interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You may also find helpful the following booklet, prepared by the FCC: "How to Identify and Resolve Radio-TV Interference Problems." This booklet is available from the U.S. Government Printing Office, Washington D.C. 20402.

Changes and modifications not expressly approved by the manufacturer or registrant of this equipment can void your authority to operate this equipment under Federal Communications Commission's rules.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

WARRANTY

For information about Pelco's product warranty and related information, refer to www.pelco.com/warranty.

ESD WARNING



WARNING: This product is sensitive to Electrostatic Discharge (ESD). To avoid ESD damage to this product, use ESD safe practices during installation. Before touching, adjusting or handling this product, correctly attach an ESD wrist strap to your wrist and appropriately discharge your body and tools. For more information about ESD control and safe handling practices of electronics, please refer to ANSI/ESD S20.20-1999 or contact the Electrostatic Discharge Association (www.esda.org).

SPECIFICATIONS

Refer to www.pelco.com to download the latest POE90U1BT Series specification sheet.

INSTALLATION

Setting up your new Pelco POE90U1BT, POE90U1BT-US, or POE90U1BT-EUK injector is easy. With plug-and-play technology, the injector is fully functional upon delivery. There are no additional firmware downloads or need for additional hardware.

Review all important safety instructions before setting up this injector. Thoroughly familiarize yourself with the information in this installation manual prior to installation and operation.

1. Familiarize yourself with the injector.
2. Attach the injector to a surface such as a cabinet shelf, table, or wall using the built-in mounting feet located on the front and rear of the unit. Do not use the Ethernet cables or the AC power cord to support the injector.
3. Connect a RJ-45 Ethernet cable from the “OUT” port of the injector to a PoE enable device.
4. Connect a RJ-45 Ethernet cable from the “IN” port of the injector to a network switch. For full functionality, Ethernet cables of Category 5 or better are required.
5. Connect a suitable power cord to the 3-pin IEC320 AC input connector on the rear of the injector and to an appropriate power source.
6. The LED will light up to diagnose the connection (See Table A: Status LEDs below). If the LED fails to light up, check the connections and try again. Faults with the AC cord or Ethernet cables can cause improper operation.

Figure 1: POE90U1BT Series Status LEDs

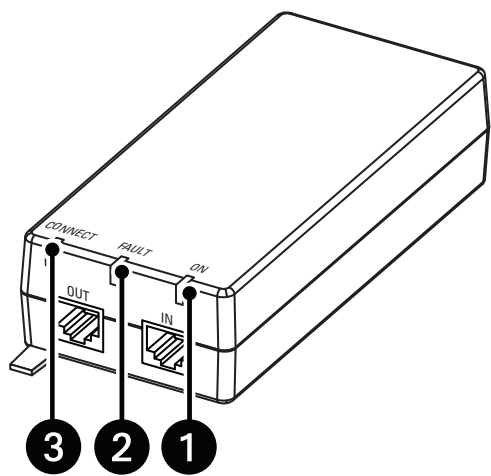


Table A. Status LEDs

Status LEDs	Description
① On	Powered on and ready for connection (Green); off no input power
② Fault	Fault mode (Red); off indicates no fault
③ Connect	Load detected; off no load detected

TROUBLESHOOTING CONTACT INFORMATION

If the instructions provided fail to solve your problem, contact Pelco Product Support at 1-800-289-9100 (USA and Canada) or +1-559-292-1981 (international) for assistance. Be sure to have the serial number available when calling.

Do not try to repair the unit yourself. Leave maintenance and repairs to qualified technical personnel only.

Problem	Possible Cause
The Connect LED is solid for two seconds, then turns off	POE power ready, but no connection
The Connect LED is solid	POE/POE+/HPoE Output power good
The Connect LED shows a long blink followed by the Fault LED quick blinking	POE detection failure
Connect LED quick blinking followed by Fault long blinking	POE Output over power or short
No LED	Injector defective/damaged