



DITEK Corporation
ONE DITEK CENTER
1720 Starkey Road
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INSTALL INSTRUCTIONS

DTK-PVPIP

This Surge Protection Device (SPD) is a high performance device, designed to provide protection for sensitive electronic loads connected to service panels, fire panels, or where the SPD is directly connected to the electronic device. Maximum protection will only be achieved if the SPD is properly installed.

Please read and follow the installation instructions carefully.

NOTICE: This SPD should be installed by a qualified electrician in accordance with the National and Local Electrical Codes and the following instructions.

APPLICATION

DTK-PVPIP-Surge suppression for IP/PoE video where data circuits use an RJ45 connection and 12V/24V camera and accessory power use a separate connection with a maximum 12 AWG.

INSTRUCTIONS:

Caution: Measure all voltages to insure applied voltage does not exceed the voltage rating of the unit. Improper installation voids the warranty.

This unit must be connected in series with the equipment to be connected.

TURN OFF ALL POWER BEFORE BEGINNING INSTALLATION.

VIDEO / DATA CONNECTION:

1. Connect the incoming wires to the "INPUT" RJ45 connector.
2. Connect a CAT5e patch cable from the "OUTPUT" RJ45 connector to the equipment to be protected.

NOTE: Patch cable should be 3-6 feet in length to allow for circuit reaction time.

12 / 24 VAC CAMERA AND ACCESSORY CONNECTION:

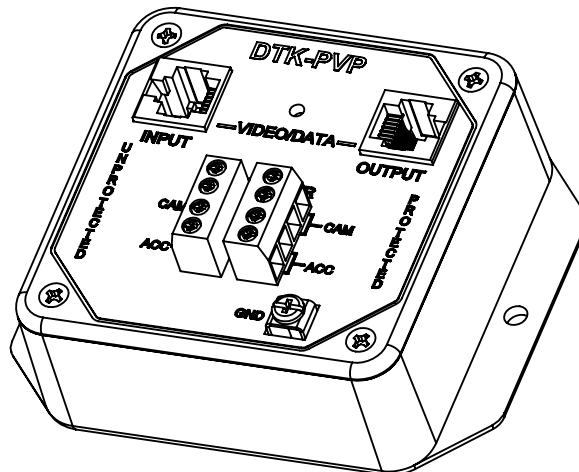
1. Connect the incoming power wires to the "CAM" and/or "ACC" unprotected connector.
2. Connect the "CAM" and/or "ACC" protected connector to the camera or accessory to be protected. Circuit conductors must be 3-6 feet in length.
3. Always have one common ground per system to eliminate the possibility of a differential in ground potentials.

NOTE: The ground conductor length must be shorter than the protected conductor lengths.

Ground Resistance Rule: Max ground resistance is 25 ohms, 5 ohms or less is optimum.

This cannot be an assumed value and must be measured to assure proper grounding.

4. After all connections have been made and no hazards exist, restore power.



DITEK Technical Support Available 24/7

1-888-472-6100

www.ditekcorp.com

Drawn By: J.Ramirez 11-10-09
Revised By: R.Mitchell 8-2-13

Doc # INT-100118-001
Part No. 191543 Rev. 3

INSTALLATION