



DITEK Corporation  
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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

Surge suppression for IP video where data circuits use an RJ45 connection and 12/24 VAC camera and accessory power use a separate connection with a maximum 12 AWG. (Not POE)

### 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" connector.
2. Connect a CAT 5e patch cable from the "OUTPUT" to the equipment to be protected.

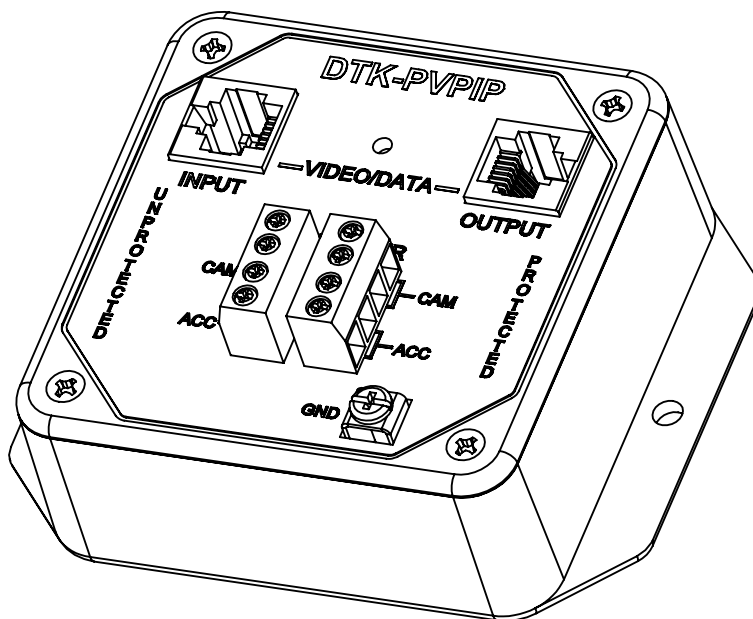
#### 12 / 24 VAC CAMERA AND ACCESSORY CONNECTION:

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.
3. Always have one common ground per system to eliminate the possibility of a differential in ground potentials.

**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  
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