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INSTALL INSTRUCTIONS

DTK-iBNC

This Surge Protective 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 and grounded, by a licensed contractor, per the applicable requirements of the NEC. These devices are only to be employed on communication loop circuits which have been isolated from the Public Switched Telephone Network.

APPLICATION

Video line protection for analog, Fixed and PTZ, cameras.

This device is intended for indoor use or intended for outdoor use within an enclosure which has been evaluated for the applicable environment.

WIRING INSTRUCTIONS:

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

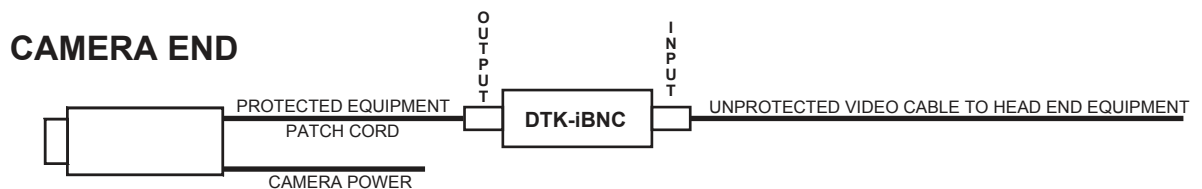
Pre Install Actions:

This unit must be connected in series with the field wiring and the equipment to be protected.

1. Check the video signal before installation to verify correct operation.
2. Power down and disconnect the circuit this device will connect to before beginning installation.
3. Disconnect the video cable from the camera.

Video Protection:

1. Connect the supplied 1' patch cord to the iBNC's OUTPUT connector.
2. Connect the other end of the 1' patch cord to the video out from the camera.
2. Connect the video feed cable to the iBNC's INPUT connector.



Note: The coaxial cable's shield must be grounded for the iBNC to perform as designed.

Either at the camera/pole or the head end equipment/DVR chassis.

This device requires no external ground to function, it relies upon the coaxial cable shielding to dissipate overvoltage energy to.

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.

Post Install Actions:

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

Check the video signal after installation to ensure proper install and no signal distortion.

For further information or technical support, please call 1-888-472-6100.