



CAMPTR1

Camera Video Surge Protection Unit

The CAMPVC1 is designed to provide multistage video surge protection. It can be used at the headend or the camera end. It is ideally suited for small spaces or where just a single line of video needs to be protected.

The CAMPVC1 provides a heavy single point ground connection and can be installed in minutes. Proper installation is critical to proper operation of the unit. Please read installation instructions completely and insure good ground connections.

Limited Lifetime Warranty

NITEK warrants that this product is to be free from defects in materials and workmanship, for the life of the product. The warranty given by NITEK is in lieu of any other warranties, express or implied. NITEK assumes no responsibility for damages or penalties incurred resulting from the use of this product. NITEK's liability under any warranties shall be discharged by replacing or repairing, at our option, the defective product. NITEK's liability for any product shall not exceed a refund of the purchase price. The warranty listed here is intended only as a summary of your full and complete warranty. For a full and complete warranty of this product contact NITEK.

INSTALLATION

The CAMPTR1 must be properly installed to insure maximum protection. The function of the CAMPTR1 is to allow a surge to be routed to ground and to clamp the protected equipment inputs to a minimum voltage.

There are three key points to remember when installing the CAMPTR1. First provide a low impedance connection between the CAMPTR1 and your protected equipment. This is best done by keeping the **PROTECTED** cable connection as short as possible.

Second the system should use a single ground point. Connect the grounding wire of the CAMPTR1 to a single ground point. A single ground point is a proper building ground or earth ground to which equipment grounds are connected. Ideally the protected equipment should be isolated from ground. If the CAMPTR1 and the protected equipment are both grounded you will provide a parallel path to ground and a portion of the surge current can flow through that path.

Finally, the **UNPROTECTED** cable should not be crossed with the **PROTECTED** cable. Crossing cables could provide a path for surge currents to bypass the CAMPTR1 protection circuits.

SPECIFICATION

Size	3.8cmH x 3.3cmW x 20.3cmD
Power Requirements	NONE REQUIRED
Connection Method	Female BNC connectors
Clamping Voltage	2.8v
Video Insertion Loss	<0.2dB
Impedance	50 or 75 ohms
Temperature	-40C to +85C
Frequency	DC to 10 MHz