Model - **DVRPTR16**

16 Channel Surge Protection Panel

NITEK ®

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(800) 528-4343 • (847) 259-8900 • FAX (847) 259-1300
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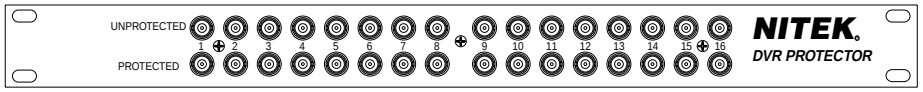

DVR PROTECTOR
(front panel)

The DVRPTR16 is designed to provide 16 channels of multistage surge protection. It is ideally suited for multi-input devices such as a DVR, multiplexer or matix system.

The DVRPTR16 is rack mountable in a standard 19" rack. It installs in minutes and provides a single easy access point for grounding of the unit.

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®.

Rev 022004

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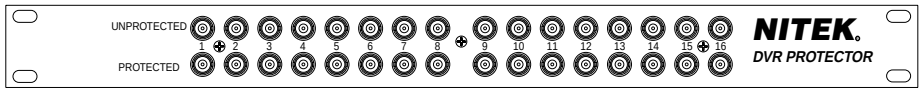

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Rev 022004

DVRPTR16
16 Port Video Surge Protection Panel

INSTALLATION

The DVRPTR16 must be properly installed to insure maximum protection. The function of the DVRPTR16 is to allow a surge to be routed to ground and to clamp the protected equipment video inputs to a minimum voltage.

There are three key points to remember when installing the DVRPTR16. First provide a low impedance connection between the DVRPTR16 and your protected equipment. This is best done by keeping the **PROTECTED** coax cable connections as short as possible, ideally less then 3 feet, and using a coax with a good braid.

Second the system should use a single ground point. Connect the grounding stud of the DVRPTR16 to a single ground point. A single ground point is a proper building ground to which equipment grounds are connected. Ideally the protected equipment should be isolated form ground. If the DVRPTR16 and the protected equipment are both grounded you will provide a parallel path to ground and a portion of the surge current can flow though that path. Additionally, AC power line protectors should be used to complete your surge protection strategy.

Finally, the **UNPROTECTED** cables should not be crossed with the **PROTECTED** cables. Crossing cables could provide a path for surge currents to bypass the DVRPTR16 protection circuits.

SPECIFICATION

Size	1RU
Power Requirements	NONE REQUIRED
Connection Method	Standard Female BNC connectors (16 In - 16 Out)
Clamping Voltage	2.8v
Insertion Loss	<0.2dB
Impedance	50 or 75 ohms
Temperature	-40C to +85C
Frequency	DC to 10 MHz

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