

DTK-iBNCHD HD-CCTV Coaxial Line Surge Protector

DITEK's DTK-IBNCHD inline surge protector is designed to protect externally-mounted cameras where a dedicated ground connection is not available. The iBNCHD diverts transient surges through the coaxial shielding, protecting the video feed without introducing ground loops. Solid performance and easy installation make the DTK-iBNCHD a favorite of HD-CCTV integrators.



Product Features

- Protects externally mounted HD-CCTV camera video feeds
- Compatible with HD-SDI, HD-TVI, HD-CVI and AHD signal formats
- Install at head-end and in camera housing to protect both ends of the video feed
- Small footprint makes installation easy
- Fits inside most camera housings
- Recommended for applications where AC power is already protected and ground is unavailable

Applications

Externally Mounted Cameras

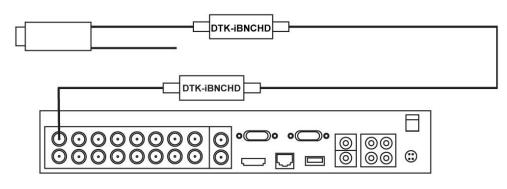
Technical Specifications		
Service Voltage:	1V peak-peak	
Protection Modes:	Center Pin-Shield	
Clamping Voltage:	2.8VDC	
Surge Current Rating:	10,000A	
Band Pass Range:	0Hz-10MHz	
Insertion Loss:	<0.3dB/Channel	
Return Loss:	22dB RL @ 10MHz	
Impedance:	75 Ohms	

Mechanical Specifications

Connection Method:	BNC (Female) In/Out
Housing:	Aluminum
Operating Temperature:	-40° F - 158° F (-40° C - 70° C)
Dimensions:	3.6" L x 1.1" Diameter (91 mm x 28 mm)
Weight:	2.5 oz (71 g)

Quality Standards & Approvals	
Certifications:	UL497B
Warranty:	10 Year Limited Warranty

HD-SDI Camera Wiring Diagram





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