



## 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

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

### Mechanical Specifications

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

### Quality Standards & Approvals

<b>Certifications:</b>	UL497B
<b>Warranty:</b>	10 Year Limited Warranty

### HD-SDI Camera Wiring Diagram

