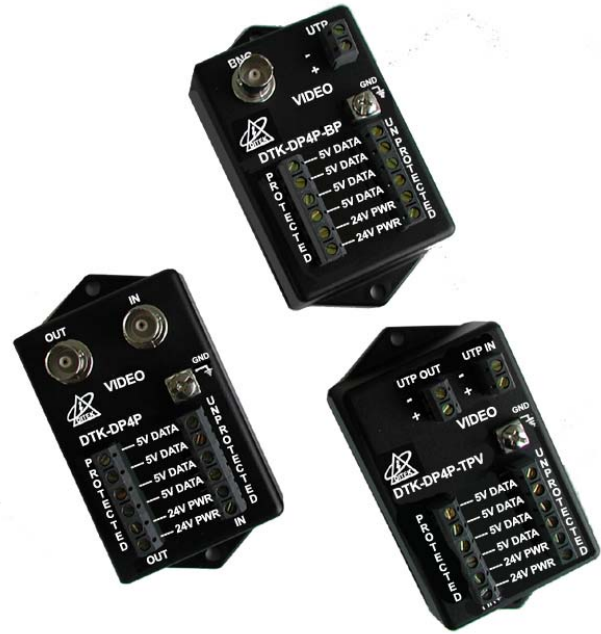




# DTK-DP4P Series

## Pan/Tilt/Zoom Camera Surge Protector General Product Specifications

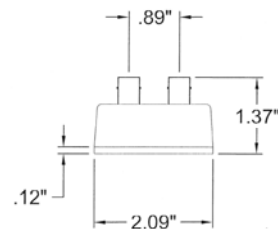
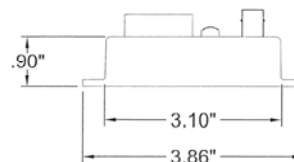
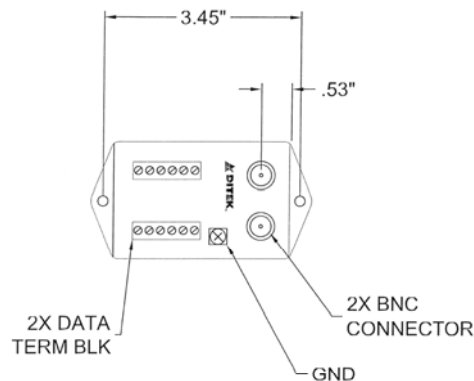
DITEK's DP4P protects all the sensitive feeds to critical Pan/Tilt/Zoom cameras, not just the video cable. Simple to install, the DP4P protects 24 Volt power conductors, 5 Volt RS-422 data pairs, and video conductors – all in one compact package. With the lowest video let through voltage (and best surge protection) on the market, the DP4P provides ideal surge protection for today's sensitive, sophisticated PTZ cameras. Three different DP4P models protect coaxial, twisted pair, or Balun video circuits. The DP4PBP includes passive Balun conversion.



### DTK-DP4P DTK-DP4PBP DTK-DP4PTPV

#### Product Features

- Protects power, video and four data conductors in one package
- 5 Amp, 24V circuit protects power feeds to camera, heater, blower, defroster
- Multi-stage, SAD technology, hybrid design provides the best possible protection
- Single point ground improves protection and speeds installation
- Protect standard Coax (DP4P), Balun (DP4P BP), or Twisted Pair (DP4PTPV) video connections
- Ten Year Limited Warranty



#### Product Selector

- Coax connected PTZ camera: **DTK-DP4P**
- Balun connected PTZ camera: **DTK-DP4PBP**
- Twisted pair video PTZ camera: **DTK-DP4PTPV**





# DTK-DP4P Series

## *Pan/Tilt/Zoom Camera Surge Protector General Product Specifications*

### Specifications

	DTK-DP4P	DTK-DP4PBP	DTK-DP4PTPV
<b>Connection Method: Video</b>	BNC	BNC to #22 -#14 AWG Terminals (passive Balun)	#22 - #14 AWG Screw Terminals (twisted pair)
<b>Connection: Power/Data</b>	Screw Terminals (#22-#14 AWG)		
<b>Video Band Pass</b>	0 – 2 GHz	0 – 8 MHz	0 – 2 GHz
<b>Impedance</b>	75 Ω	75 Ω BNC/100 Ω Terminal	n/a
<b>Insertion Loss</b>	n/a	<2dB to 8MHz	n/a
<b>Return Loss</b>	n/a	>15dB to 8MHz	n/a
<b>Common Mode Rejection</b>	n/a	>40dB @ 8MHz	n/a
<b>Modes Protected: Video</b>	Center – Shield Shield – G	Positive – G Shield – G	
<b>Modes Protected: Power/Data</b>	All Lines to Ground		
<b>Weight</b>	2.56 ounces (73 grams)		
<b>Housing</b>	ABS		
<b>Temperature Range</b>	-40°F – 158°F (-40°C – 70°C)		
<b>Dimensions</b>	3.86" x 2.09" x 1.37" (98mm x 53mm x 35mm)		3.86" x 2.09" x 1.59" (98mm x 53mm x 40mm)
<b>Svc. Voltage - Video</b>	2V peak-peak	<5V peak-peak	<5V peak-peak
<b>Svc. Voltage – Power</b>	24V AC/DC		
<b>Svc. Voltage – Data</b>	<5VDC		
<b>Clamping – Video</b>	2.8VDC	6.8VDC	6.8VDC
<b>Clamping – Power</b>	33VAC / 47VDC		
<b>Clamping – Data</b>	6.8vdc		
<b>Surge Current – Video</b>	Center – Shield: 10,000A Shield-G: 150A	114A/pair (10/1000µs)	
<b>Surge Current – Power</b>	2,000 Amps/pair (8/20µs)		
<b>Surge Current – Data</b>	114 Amps/pair (10/1000µs)		