



# DTK-DP4P Series

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

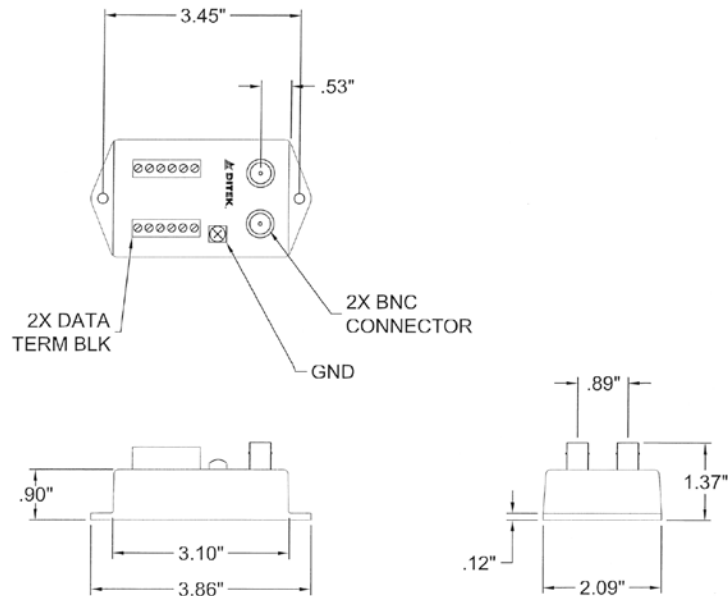
DITEK's DP4P protects all the sensitive feeds to critical Pan/Tilt/Zoom cameras, not just the video cable. Simple to install, the DP4P protects 24 Volt power conductors, 5 Volt RS-422 data pairs, and video conductors – all in one compact package. With the lowest video let through voltage (and best surge 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
- 3 Amp, 24V circuit protects power feeds to camera, heater, blower, defroster
- 0.2 Amp circuit protects data and video
- 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**





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

Specifications	DTK-DP4P	DTK-DP4PBP	DTK-DP4PTPV
Agency Approvals	UL497B	N/A	N/A
Connection Method: Video	BNC	BNC to #22 -#14 AWG Terminals (passive Balun)	#22 - #14 AWG Screw Terminals (twisted pair)
Connection: Power/Data	Screw Terminals (#22-#14 AWG)		
Video Band Pass	0Hz – 10MHz	0Hz – 8 MHz	0Hz – 2 GHz
Impedance	75 Ω	75 Ω BNC/100 Ω Terminal	100 Ω
Insertion Loss	n/a	<2dB to 8MHz	n/a
Return Loss	n/a	>15dB to 8MHz	n/a
Common Mode Rejection	n/a	>40dB @ 8MHz	n/a
Modes Protected: Video	Center – Shield Shield – G	Positive – G Shield – G	
Modes Protected Power/Data	All Lines to Ground		
Weight	2.56 ounces (73 grams)		
Housing	ABS		
Temperature Range	-40°F – 158°F (-40°C – 70°C)		
Dimensions	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)
Service Voltage – Video	2V peak-peak	<5V peak-peak	<5V peak-peak
Response Time – Video	<1 picosecond		
Clamping – Video	2.8VDC (C - S) 30V (C - G)	6.8VDC	6.8VDC
Surge Current – Video	Center – Shield: 10,000A Shield-G: 150A	114A/pair (10/1000µs)	
Service Voltage – Power	24V AC/DC		
Response Time – Power	<5 nanoseconds		
Clamping – Power	50V		
Surge Current – Power	2,000 Amps/pair (8/20µs)		
Service Voltage – Data	<5VDC		
Response Time – Data:	<1 picosecond		
Clamping – Data	6.8vdc		
Surge Current – Data	114 Amps/pair (10/1000µs)		