



D-CAMTM500

Pinhole Series

CAMERA/PIR/AUDIO
& TIMER
INTEGRATED
SENSORS

EXTENDING
THE POWER OF
YOUR **SENSES**



- High quality, High sensitivity Pinhole cameras
- Separated N.O. & N.C. relays for VTR and Alarm control
- Smart Timer for optimal VTR activation
- Matching fields of view of the PIR sensor and the camera
- Effective alarm verification with AGC audio and video surveillance of protected sites
- ASIC based electronics with movement speed spectrum analysis
- Wide range of operating voltage
- Internal voltage regulation for stable picture
- Automatic Electronic shutter
- Environmental immunity





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Specifications

Camera	B&W		COLOR	
	CCIR	EIA	PAL	NTSC
TV Standard				
Resolution	420 lines		380 lines	
Sensitivity	0.1 Lux (F2.0)		0.5 Lux (F1.2)	
S/N Ratio	Better than 48dB			
Shutter Control	Automatic 1/50 – 1/100,000			
Pinhole Lens	F 3.7mm standard (Optional different lenses available)			

Detector	Dual Element PIR
Lens Type	Hard spherical lens
Sensitivity	Δ1.6°C (Δ 3°F) @ 0.6m/sec (2ft/sec)
Detection Speed	0.3 - 1.5m/sec (1 - 5ft/sec)
Temp. Compens.	Bi-directional
Pulse Count	1, 2 Dip switch; 2 - 3 Automatic depending on speed spectrum analysis
Coverage	Wide angle 90° 18m x 18m (60ft x 60ft)
RFI Protection	30V/m 10 - 1000MHz
EMI Protection	50,000V of electrical interference from lighting or power through

Output Relays	
N.C.	28VDC, 0.1A with 10ohm serial resistor <i>Momentary opening for min. 1.6 sec upon detection</i>
N.O.	28VDC, 0.1A with 10ohm serial resistor

Timer	N.O.
	Retriggerable closure, adjustable from 10 to 100 secs.

Audio	
Response	Omnidirectional
AGC	20dB
Sensing Element	Electret microphone
Output Impedance	32Ω

Power Supply	B&W	COLOR
Operating Voltage	8.6 - 16 Vdc	
Current Draw	130mA @ 12Vdc Typical	170mA @ 12Vdc Typical
Op. Temperature	-10 - 50°C (23 - 122°F)	0 - 40°C (32 - 104°F)
Dimensions	137 x 65 x 49 mm (5.4 x 2.6 x 1.9 inch)	
Weight	140gr (5oz.)	

NOTICE: The warranty does not make the manufacturer or the distributor of D-CAM an insurer nor shall either be held liable for any consequential damages resulting from any breach of warranty, expressed or implied, applicable to their use. Specific legal rights may vary from State to State in the United States and from Province to Province in Canada. Specifications are subject to change without prior notice.

Ordering information	
Model	Pinhole Cam
D-CAM TM 500 BW/C	B/W CCIR
D-CAM TM 500 BW/E	B/W EIA
D-CAM TM 500 C/P	Color PAL
D-CAM TM 500 C/N	Color NTSC



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