



D-CAMTM800

Series

CAMERA/PIR &
AUDIO INTEGRATED
SENSORS

EXTENDING
THE POWER OF
YOUR SENSES



- Matching fields of view of the PIR sensor and the camera
- Effective alarm verification with AGC audio and video surveillance of protected sites
- Hard spherical lens and diffractive reflection mirror for creep zones
- Black lens for optimal far IR energy transfer into pyro sensor
- ASIC based electronics with movement speed spectrum analysis
- Distortion free camera protection cover
- High sensitivity and high resolution B&W and color board cameras
- 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 Electronic Control			
Lens Mount	F 3.6mm standard (Optional different lenses available)			

Detector	Dual Element PIR
Lens Type	Hard spherical lens
Sensitivity	$\Delta 1.6^{\circ}\text{C}$ ($\Delta 3^{\circ}\text{F}$) @ 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 105° 18m x 18m (60ft x 60ft) with creep zones
RFI Protection	30V/m 10 - 1000MHz
EMI Protection	50,000V of electrical interference from lighting or power through

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

Ordering information	
Model	Lens Cam
D-CAM TM 800 BWL/C	B/W CCIR
D-CAM TM 800 BWL/E	B/W EIA
D-CAM TM 800 CL/P	Color PAL
D-CAM TM 800 CL/N	Color NTSC

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 70 x 53 mm (5.5 x 2.8 x 2.1 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.



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