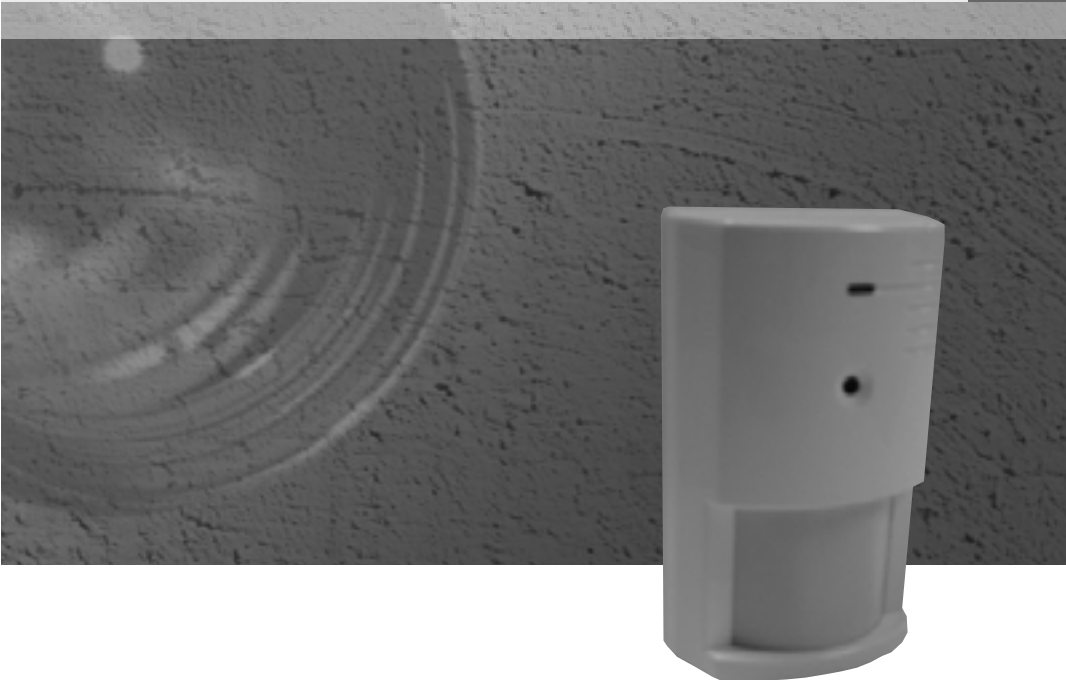


CAM940E & CAM940CE

Indoor Covert (PIR) Cameras

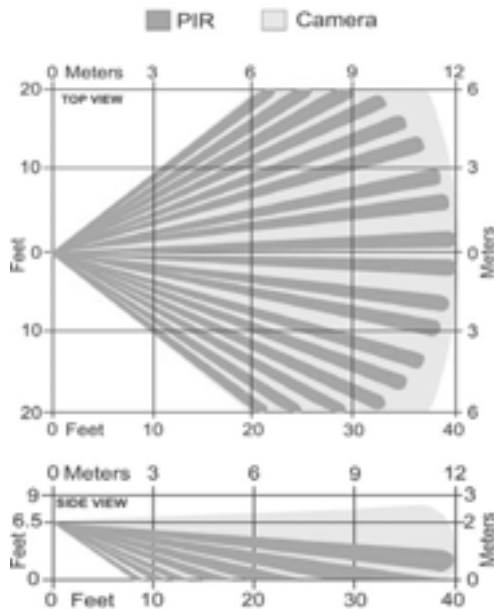


Security Systems



- Full Functional PIR
- Patented Signal Processing
- 12 m x 12 m PIR Coverage
- PIR Sensitivity Adjustment
- Intelligent Camera Control - the camera may be left on or controlled by the PIR
- Dual Relay outputs for Alarm and VCR Control
- Includes Video Cable with "BNC" Connector

Coverage Patterns



The CAM940E and CAM940CE are fully-functioning passive infrared (PIR) intrusion detectors with integrated cameras. Looking like standard PIR motion detectors, the CAM940E and CAM940CE conceal their ability to view their coverage areas. The PIR detectors cover a 12 m by 12 m area and offer selectable sensitivity.

The integrated cameras are complete with timers and relay outputs for alarm and VCR control. Selectable modes for either switcher or PIR control of the camera offer a lower current draw option.

The CAM940CE provides standard composite PAL video from an integral color CCD camera. The CAM940E has a built-in pinhole black-and-white camera. Both come with a video cable with a BNC connector.

These small, easy to mount, attractive sensors provide installation versatility. They can be surface mounted directly to a wall or onto the supplied low-profile swivel bracket.

		CAM940CE	CAM940E
Power	Input Voltage	10 VDC to 14 VDC	9 VDC to 15 VDC
	Input Current	35 mA @ 12 VDC standby; 150 mA in alarm or with camera on	30 mA @ 12 VDC standby; 120 mA in alarm or with camera on
PIR	Coverage	12 m by 12 m	12 m by 12 m
	Relay	One Form "A" Normally Closed (NC) contact rated for 125 mA @ 12 VDC provided for PIR alarm output	One Form "A" Normally Closed (NC) contact rated for 125 mA @ 12 VDC provided for PIR alarm output.
Tamper	Relay	Form "A" Normally Closed (NC) contact rated for 125 mA @ 12 VDC	Form "A" Normally Closed (NC) contact rated for 125 mA @ 12 VDC
Video	Pick-up Device	1/3-inch color CCD; 512 (H) x 492 (V)	1/3-inch black & white CCD; CCIR standard
	Scanning System	2:1 Interlace (PAL Standard)	2:1 Interlace (CCIR Standard)
	Output	1 Vp-p (PAL composite)	1 Vp-p (PAL composite)
	Minimum Illumination	0.9 Lux at f2.1	1.2 Lux at f2.1
	Relay & Timer	Form "C" contacts provided to activate external devices such as VCRs or Illumination devices. Contacts rated for 125 mA @ 12 VDC and follow a field selectable timer adjustable for 15 to 60 seconds after motion is detected. Timer restarted each time PIR detects motion. Camera programmable for continuous operation or to follow timer.	Form "C" contacts provided to activate external devices such as VCRs or Illumination devices. Contacts rated for 25 mA @ 12 VDC and follow a field selectable timer adjustable for 15 to 60 seconds after motion is detected. Timer restarted each time PIR detects motion. Camera programmable for continuous operation or to follow timer.
Lens & Iris	Lens	3.6 mm fixed focal length; 75° field of view	Pinhole; 75° field of view
	Shutter Speed (max)	1/50 sec to 1/100 000 sec	1/100 000 sec
Resolution	Horizontal	>330 TV Lines	>380 TV Lines
Housing	Material	High-impact, fire-retardant ABS plastic	High-impact, fire-retardant ABS plastic
	Dimensions (H x W x D)	95 mm x 57 mm x 38 mm	95 mm x 57 mm x 38 mm
Mounting	Standard	Wall mount; includes B335 Swivel Bracket	Wall mount; includes B335 Swivel Bracket
Environment	Ambient Temperature	-10°C to +49°C	-10°C to +49°C
Documentation	US Patents	#4,764,755	#4,764,755
	Listings & Approvals	UL Listed UL	Listed; FCC Part 15

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