

PIR/Black and White CCD Camera

CAM940 PIR Detector with Integral Black and White CCD Camera

CAM940	EIA Standard 525 line video output (within North America).
CAM940E	CCIR Standard 625 line video output (outside North America).



With a built-in black and white camera, the CAM940 and CAM940E PIR Motion Detectors represent the new generation of Detection Systems security sensors. These small, easy-to-mount, attractive sensors offer selectable sensitivity for versatility in installation. The integrated camera is complete with timer 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.

Features

- Full Function PIR
- Patented Signal Processing
- 40 ft. x 40 ft. (12 m x 12 m) PIR Coverage
- Pinhole CCD Camera with 0.4 Lux Light Sensitivity
- 380 TV Lines of Horizontal Resolution
- 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
- UL listed

Certification

UL Listing	BP1448
FCC	Part 15

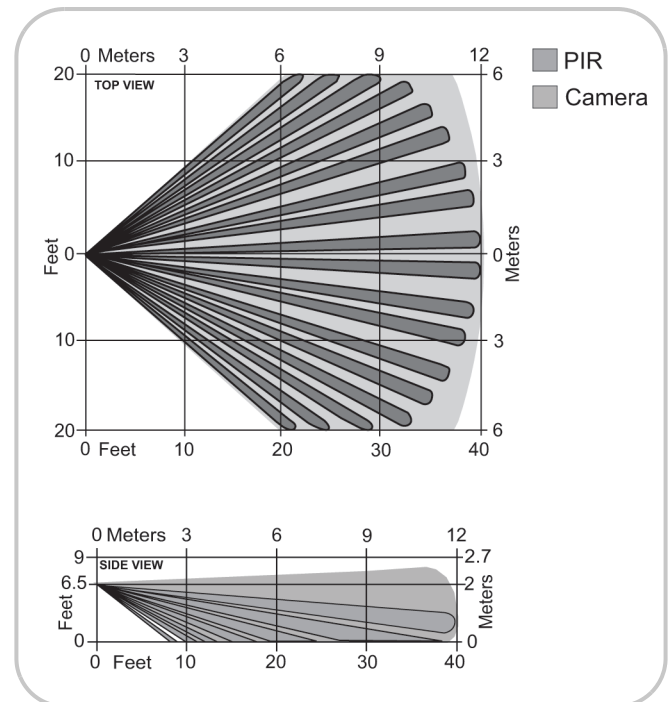
Patents

4,764,755

Coverage

PIR Coverage

Broad: 40 ft. x 40 ft. (12 m x 12 m).






Technical Specifications

Power Requirements	9 to 15 VDC, 30 mA @ 12 VDC Standby, 120 mA in Alarm or with camera on.
PIR Relay	One Form A Normally Closed (NC) contact provided for PIR alarm output. Contacts are rated for 125 mA @ 12 VDC.

Tamper Output	Normally Closed (NC) contact. The contact is rated for 125 mA @ 12 VDC.
Video Camera	The Video Camera (a 1/3-inch black and white CCD) has a pinhole lens, an electronic shutter with a 1/100,000 second maximum shutter speed, offering 380 lines of horizontal resolution with a light sensitivity of 0.4 Lux. The pinhole lens provides a 75° field of view.
Operating Temperature Range	-20°F to +120°F (-30°C to +49°C). For UL Certificated installations, +32°F to +120°F (0°C to +49°C).
Video Output	The CAM940 camera provides 1 V p-p standard composite video signal, EIA Standard 525 lines interlaced, into 75 Ohms. CCIR Standard 625 lines interlaced is available on the CAM940E for installations outside of North America. A video output cable is provided with a BNC adapter.
Video Relay and Timer	Form C Normally Open/Normally Closed (NO, C, NC) contacts are provided to activate external devices such as VCRs or illumination devices. Contacts are rated for 125 mA @ 12 VDC. These contacts follow a field-selectable timer that can be adjusted for 15 or 60 seconds after motion is detected. Each time the PIR detects motion the timer is restarted. The camera can be programmed to operate continuously or follow this timer.
Enclosure Design	High impact, fire retardant, ABS plastic enclosure. The detector measures (HxWxD) 3.75 in. x 2.25 in. x 1.5 in. (9.5 cm x 5.7 cm x 3.8 cm).
Mounting	Wall mount. Includes B335 Low Profile Mount Bracket. Optional Ceiling Mount (B338) available.

Standard and Optional Accessories

	B335 Low Profile Mount Bracket (standard)		B338 Mounting Bracket
	Video Cable (standard)	B335 Low Profile Mount Bracket is shipped in packages of 3.	