

Monochrome and Colour models

This compact Camera is designed to provide Covert video surveillance with simple installation.

Locating the camera.

When selecting a location to mount the camera consider the following.

- Ensure the wall is in sound condition, is clean and dry.
- Ensure that the required view is not obstructed.
- Target the lens away from direct sunlight.
- The recommended fixing height is 2.5m (7'6")

Dimensions

Case Height 111mm
 Width 64mm
 Depth 50mm

Bracket 60x60mm
 Standoff 40mm

Mass 150g

Pinhole lens

F= Approx.
 (mm) Diagonal
 3.6mm 90°

Covert PIR Interior PIR detector housing with covert camera.



The camera requires a regulated 12V DC power supply and provides a composite video signal.

Suitable screened cable must be used to achieve optimum performance.

Camera Models	CCD-PIR/E	CCD-PIR	CCD-PIR/HR
Interline Transfer CCD	1/4" – Mono	1/3" – Mono	1/3" – Mono
Horizontal Resolution	380 TVL	380 TVL	570 TVL
Light Sensitivity	0.2 Lux	0.2 Lux	0.12 Lux
Signal to Noise Ratio	>45 dB	>45 dB	>45 dB
Iris / Exposure	Electronic	Electronic	Electronic
Lens housing	CPLT	SKL	CPLT
Spectral Response	380-1000 nm	380-1000 nm	380-1000 nm
Power (12V DC)	85mA; 1.0W	100mA 1.2W	100mA 1.2W

COL-PIR/E	COL-PIR	COL-PIR/HR
1/4" – Col	1/3" – Col	1/3" – Col
330 TVL	330 TVL	450 TVL
4 Lux	2 Lux	1 Lux
>45 dB	>46 dB	>46 dB
Electronic	Electronic	Electronic
CPLT	CPLT	CPLT
380-660 nm	380-660 nm	380-660 nm
100mA 1.2W	140mA 1.6W	160mA 1.95W

Signal	Composite Video into 75 Ohm	Operating Temperature	-10 to +55 °C
Gamma Correction	0.45	Storage Temperature	-20 to +70 °C
Auto Exposure	Electronic (1/50-1/100,000 sec)	Air Humidity	Maximum 85%
On-board Audio	Line-level output.		

Audio option available on Standard Mono, Standard Colour and Colour Economy models.

The PIR has been set to a standard sensitivity, if adjustment is required turn the potentiometer (to right of Sensor) clockwise to increase sensitivity.

The Camera will require a regulated 12 Volt DC supply.

Please note: These PIR detector units are not approved for use with intruder alarm systems.

The GND terminal should be utilised for the power supply 0V line, Video return (screen) and Audio return (Screen) connections. This acts as a common ground for all signals.

Terminal allocations

	PIR	PIR/A	PIR/OP/A
T1	N/A	N/A	Anti-Tamper
T2	N/A	N/A	Anti-Tamper
VIDEO	Video signal out	Video signal out	Video signal out
AUDIO	N/A	Audio signal out	Audio signal out
+12V	Regulated 12V DC	Regulated 12V DC	Regulated 12V DC
GND	Common Ground	Common Ground	Common Ground
NC	N/A	N/A	Normal Closed
NO	N/A	N/A	Normal Open
COM	N/A	N/A	Common Contact

Whilst every effort has been made to ensure the accuracy of the information provided, no liability can be undertaken for any errors or omissions. All dimensions stated in this document are approximate. Stortech Electronics Ltd reserves the right to alter the specifications and introduce improvements without prior notice.

Stortech Electronics Ltd.
 Harlow,
 Essex.
 Great Britain

Telephone 01279 419913
www.stortech.co.uk

STORTECH
 ELECTRONICS LTD
 PECAN is the CCTV division of
 Stortech Electronics Ltd