

Colour PIR Detector Cameras

These PIR cameras house a 3.7mm conical pinhole lens and Sony Super HAD Colour CCD. The cameras are mounted on a fixed camera bracket and the camera lens looks through a small hole in the PIR. The CAM173 is 420TVL and the CAM175 600TVL. The motion alarm detection facility provides an alarm switch for triggering an alert device.



Models Covered in these instructions

CAM173 Colour PIR Detector 420 TVL Camera

CAM175 Colour PIR Detector 600 TVL Camera

Specifications	CAM173	CAM175
Image Sensor	1/3" Colour Super HAD CCD	
Image Output	1V _{pk-pk} 75Ω	
Resolution	420 TV Lines	600 TV Lines
Min Illumination	0.1 Lux @ F1.2	
Input Voltage Range	12V DC	
Power Consumption	60 mA	
Lens	3.7mm conical pinhole lens	
Description	PIR Detector Camera	
Flylead	Power, Video & Motion Detection	
Size, D x H x W	48mm x 90mm x 62mm	
S/N Ratio	More than 48dB	
Gamma Correction	0.45 approx.	
Auto Gain Control	Yes	
Operating Temperature	-10°C ~ +50°C	

Mounting the PIR Detector Camera

The PIR camera is mounted on a wall. Note that the camera bracket is a fixed bracket providing no angle adjustment. The camera can detect motion detection and the additional lead provides a zero volt switch for a motion alarm.

Powering the Camera

These PIR cameras require a 12V DC regulated power supply. The cameras are provided with a fly lead with a mini power jack plug. It is recommended to use a power supply that is rated higher than the current consumption of the camera e.g allow at least 30% headroom. This prevents the PSU from running at its maximum rating for long periods of time and will increase the life of the unit.

Connecting the camera to control equipment.

These PIR cameras come with a fly lead for power, video and motion detection. To reduce installation time the video out lead is terminated into a male BNC connector. This allows the installer to effortlessly connect the camera to control equipment via a female BNC-BNC lead. Remember that the Video out from the camera is like any other electrical circuit and requires two wires to complete the circuit. When using a co-ax type cable such as RG59 or similar, the outer braid of the co-ax provides the "0V GROUND" connection and the inner core provides the "Video" connection.



WEE:CG078355

This symbol on the products and/or accompanying documents means that used electronic equipment must not be mixed with general household waste. For treatment, recovery and recycling please return this unit to your trade supplier or local designated collection point as defined by your local council.

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