

Ceiling Mount Smoke Detector Camera

These Ceiling Mount Smoke Detectors house a 3.7mm conical pinhole lens and Sony Super HAD Colour CCD. The cameras are mounted on an adjustable bracket and the camera lens looks through a vent on the side of the housing or through the base. The CAM153 is 420TVL and the CAM155 600TVL.



Models Covered in these instructions

CAM153 Colour Camera 420TVL in Smoke Detector

CAM155 Colour Camera 600TVL in Smoke Detector

Specifications	CAM153	CAM155
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	105 mA	
Lens	3.7mm conical pinhole lens	
Description	Dummy Smoke Detector	
Flylead	Power and Video	
Size, Dia x H	87mm x 42.5mm	
S/N Ratio	More than 48dB	
Gamma Correction	0.45 approx.	
Auto Gain Control	Yes	
Operating Temperature	-10°C ~ +50°C	

Mounting the Smoke Detector Camera

The smoke detector camera is a ceiling mount fitting and the cables can be hidden in the ceiling void.

Powering the Camera

These smoke detector 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 smoke detector cameras come with a fly lead for power and video. 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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