

Ceiling Mount Smoke Detector Camera

The CCT617 Ceiling Mount Smoke Detector houses a 3.7mm board lens. The cameras are mounted on an adjustable bracket and the camera lens looks through the housing's side mesh to facilitate simple adjustment of the camera's view. Each model is fitted with built-in audio, making this an ideal design for shops and similar commercial properties.



Model Covered in these instructions

CCT617 Colour Camera in Smoke Detector with Audio

Camera Specifications

Image Sensor	1/3" Colour Super HAD CCD (High Res.)
Image Output	1V _{pk-pk} 75Ω
Resolution	470 TV Lines
Min Illumination	0.4 Lux @ F2.0
Input Voltage Range	12V DC
Power Consumption	220 mA
Lens	3.6mm board lens
Description	Dummy Smoke Detector (cream)
Flylead	Power, Video & Audio
Size, Dia x H	122mm x 60mm
S/N Ratio	More than 48dB
Shutter Speed	1/50 sec ~ 1/110,000 sec
Auto White Balance	Yes (2500K ~ 9500K)
Auto Gain Control	Yes
Synchronous System	Internal, Negative sync.
Audio Output	2 V _{p-p} / 50 Ohms, RCA connector
Operating Temperature	-10°C ~ 50°C
Gamma Characteristic	0.45

Note: Smoke Detector mountings may be two hole or four hole.



To adjust vertical view angle, loosen screw 'A' then re-tighten.

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 i.e. POW100 would be adequate for powering a single camera but when powering more than one you should look at the bigger power supplies to prevent the PSU from running at its maximum rating for long periods of time

Connecting the camera to control equipment.

These smoke detector cameras come with a fly lead for power, video and audio out. 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. The audio connection is provided via a phono socket.



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

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