

The new ceiling mount mini-dome range produce good quality images at a low budget cost. Both B/W and colour models are available using a popular 3.6mm board lens and the dome is available in a choice of silver or black finish. The camera and its lens are protected by a clear acrylic dome that helps prevent unauthorised tampering.



Models Covered in these instructions

CCT595 Flush Mount Black & White Dome in black
 CCT596 Flush Mount Black & White Dome in silver
 CCT597 Flush Mount Colour Dome in black
 CCT598 Flush Mount Colour Dome in silver

Camera Specifications

Camera Spec	B&W CCT595/596	Colour CCT597/598
Image Sensor	1/3" B&W	1/3" Colour
Image Output	1V _{pk-pk} 75Ω	1V _{pk-pk} 75Ω
Resolution	420TVL min	380TVL min
Min Illumination	0.05 Lux, F2	0.4 Lux, F2
Input Voltage Range	10 – 13v DC	10 – 13v DC
Power Consumption	100 mA	100 mA
Lens	3.6mm board lens	3.6mm board lens
Size, Dia x H	70mm dia x 70mm H	70mm dia x 70mm H
Void required	60mm dia	60mm dia



Mounting the Camera

The cameras are supplied for ceiling flush mounting only. All camera connections are hidden in the ceiling void and the camera requires a 60mm diameter hole for fixing. This camera is an ideal choice for both residential and business properties where an unobtrusive fitting is required. The choice of black or silver provides alternative options to meet your customer's needs. Do not touch the dome cover as it may mark the dome and the marks may not be removed. Always use a very soft cloth with mild detergent when cleaning the dome cover as it can easily be scratched.

Powering the Camera

The dome cameras require a 12V DC regulated power supply. The camera is 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 two you should look at the bigger power supplies to prevent the PSU from running at its maximum rating for long periods of time. If you are using the Easy Connection Kit (CCT806/7) to power and connect your camera (12V models only) please proceed as per the instructions supplied with The Easy Connection Kit.

Connecting the camera to control equipment.

The dome camera comes with a fly lead for power and video 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.

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