

### CAM083 External IR Dome Camera

These IR dome cameras produce exceptional quality images using the Sharp 1/3" providing 600 TVL resolution. The cameras are housed in an attractive white, silver or grey housing and are fitted with 2.8 ~ 12mm varifocal lens.



### Features

- Vandalproof Dome with 36 IR Leds
- 600TVL
- 1/3" Sharp CCD
- 2.8mm ~ 12mm varifocal lens
- 3 colours



### Mounting the Camera

The camera is for outdoor mounting on a wall or under a lintel. Unscrew the camera retaining collar by turning anti-clockwise. Secure base by screwing to wall or lintel. Refit eyeball camera feeding connection cables through base and retighten retaining collar ensuring zoom and focus controls are not covered by the eyeball upper collar.

### Powering the Camera

The dome requires 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. the current consumption is 450mA add approximately 50% so use a power supply of 700mA or above. Please ensure that power is connected correctly as this camera is polarity sensitive.

### 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.

### CAM083 Camera Specifications

Sensor	1/3" Sharp CCD	IR Trigger	Under 10 Lux by CDS sensor
Resolution	PAL: 752 (H) x 582 (V)	Video Output	1v p ~ p, 75Ω
TV Lines	600 TVL	AGC	Automatic
Min.Illumination	0 Lux with IR LEDs on	Power/Current	12vDC / 450mA
S/N Ratio	More than 48dB	Lens	2.8 ~ 12mm manual zoom lens
Scan System	2:1 interface	Dimensions	131mm (D) x 93mm (H)
Sync. System	Internal, Negative sync	Weight	800gms
Elect. Shutter	PAL: 1/50s ~ 1/100,000s	Storage Temp	-30°C ~ +60°C
Gama	0.45	Operating Temp	-10°C ~ +50°C
IR Specs	36 x IR LEDs - Max 30 metres		



WEE/CG0783SS

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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