

The Infra Red Varifocal Dome Camera produces good quality images at a low budget cost. The domes have a clear cover with a white shield and housing. The 520TVL camera has 22 IR Leds and a varifocal 4mm ~ 9mm lens. The dome camera is especially suitable for small shops, stock rooms, reception areas and lobbies.



Mounting the Camera

The camera is for indoor mounting on a ceiling.

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 300mA add approximately 50% so use a power supply of 450mA or above.

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.

Adjusting Varifocal Lens

The dome camera can be adjusted for zoom and focus by holding down the base below the lens and lifting the cover, housing the LEDs, upwards. Set the zoom and focus adjustment by releasing the locking screws, adjusting zoom and focus and then re-locking.



CAM580 Camera Specifications

Item	Description	
Signal of System	PAL	NTSC
Image Sensor	Sony 1/3" Super HAD 520TVL	
Auto Exposure	Automatic	
Scanning Systems	625 Lines	525 Lines
Shutter Speed	Automatic	
Synchro system	Internal	
S/N Ratio	More than 50dB (AGC off)	
AGC	Automatic	
Minimum Illumination	0 Lux with IR LEDs On	
Gamma value	r = 0.45	
White Balance	Automatic	
Video Output	1v p~p, 75ohms	
Voltage	12vDC	
Current	300mA infra reds on	
Operational Temperature	-10°C ~ +50°C 85% RH	
Operational Humidity	90% RH max.	
Dimensions	Diameter 128mm x Height 80mm	

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