

### **Internal Varifocal Dome Camera**

These cameras produce great quality images at a low budget cost. The cameras are housed in an attractive white or black housing and come with a 4.0 ~ 9mm varifocal lens and use a Sony 1/3" Colour HAD or SuperHAD CCD providing standard 420TVL or high resolution 520TVL versions. The cameras are 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 180mA add approximately 50% so use a power supply of 300mA 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, adjust zoom and focus and then re-lock.



## Camera Specifications

Model	CAM040	CAM042	CAM044	CAM045
Image Sensor	Sony 1/3" 520TVL SuperHAD CCD	Sony 1/3" 420TVL HAD CCD	Sony 1/3" 420TVL HAD CCD	Sony 1/3" 520TVL SuperHAD CCD
Picture Elements	752(H)x582(V)	500(H)x582(V)	500(H)x582(V)	752(H)x582(V)
Horizontal Resolution	520TVL	420TVL	420TVL	520TVL
Minimum Illumination	0.5 Lux @ F1.2			
Auto Gain Control	Automatic			
Electronic Shutter	Automatic			
Auto Iris Lens	Video/DC Driver			
White Balance	Automatic			
Backlight Compensation	Automatic			
S/N Ratio	>48dB			
Video Output	1.0v p~p, 75Ω			
Power source	12vDC / 3.5W	12vDC / 3W	12vDC / 3W	12vDC / 3.5W
Current consumption	180mA	160mA	160mA	180mA
Operating Temperature	-10°C ~ +50°C			
Colour of Housing	White		Black	

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