



- DSP Colour/Mono Camera
- 1/3" CCD
- PAL (NTSC available)
- High Resolution

Camera Features

Sensor	1/3" Sony Hyper HAD™ CCD with micro-lens over each pixel
Effective Pixels	752 (H) x 582 (V)
Sensitivity	1.5 lux colour / 0.7 lux mono. 40IRE at F1.2 with AGC (80% scene reflectance)
Resolution	480 TVL
Shutter Speeds	1/50, 1/125, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/10,000 & flickerless via 3 DIP switches
Video Output	1V p-p composite video via 75Ω BNC connector on the rear of the camera PAL: 625 lines 50 fields per second 2:1 interlace NTSC: 525 lines 60 fields per second 2:1 interlace
Signal to Noise Ratio	Better than 48dB
White Balance	Auto Tracing, Indoor, Outdoor, Fluorescent selectable via 2 DIP switches
AGC	Built in 28dB selectable On/Off via a DIP switch
Electronic Iris	1/50s - 1/100,000s. Selectable On/Off via a DIP switch
Backlight Compensation	BLC selectable On/Off via DIP switch. Weighted to centre third of scene
Gamma Correction	User-selectable 1.0 (linear) or 0.45 (normal) via a DIP switch
Synchronisation System	Line-lock. The option to switch to internal synchronisation is provided via a DIP switch. In line-lock the setting of the V phase can be set to fixed or adjustable
Adjustable V phase	The line lock vertical phase may be adjusted by ±120°

SPECIFICATION

CDSP9372/WF & CDSP9372/LV/WF

Lens Options

Manual	Any 'C' or 'CS' mount 1/3", 1/2", 2/3" or 1" lens
Auto Iris (video drive)	Via 3 terminal, spring loaded, quick release connector at rear of camera
Direct Drive (DC iris)	4-pin square type socket on the side of the camera. DC level is user defined via a potentiometer located next to the socket

Power Supply

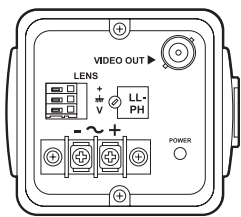
Low Voltage version	12~30V AC $\pm 10\%$, 11~40V DC $\pm 10\%$
Mains version	230V AC $\pm 10\%$ 50Hz
Input Power Isolation	Fully isolated power supply
Power Consumption	Less than 5W

Mechanical

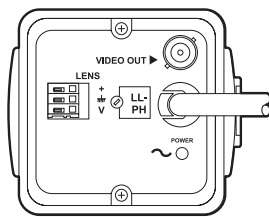
Lens Mount	C/CS via racking back focus mechanism with two adjustment points (top and side)
Camera Mount	1/4"20 UNC or 1/4"BSW (top or bottom)
Dimensions	122.5 (L) x 59.5 (H) x 65.5 (W) mm
Weight	0.6 Kg
Material	Die-cast zinc lens mount. Extruded aluminium body. Flame retardant ABS plastic front trim, rear bezel and door

Environmental

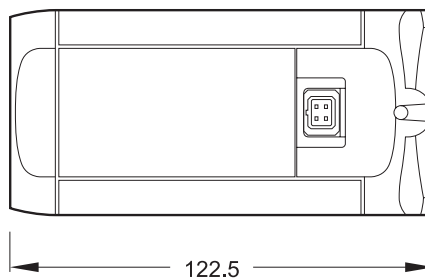
Operating Temperature	-10 to +50°C (14 to 122°F)
Operating Humidity	20% to 80% relative humidity, non condensing
Storage Temperature	-10 to +70°C (14 to 158°F)
Storage Humidity	20% to 90% relative humidity, non condensing



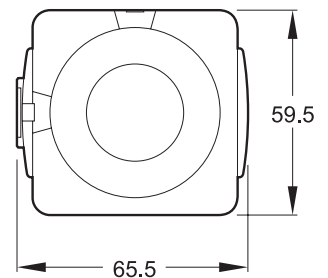
Low Voltage Models



Mains Voltage Models



122.5



59.5

65.5



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L I M I T E D

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