

CD9210 & CD9210/LV



- **Analogue Monochrome Camera**
- **CCIR (EIA available)**
- **1/3" CCD**
- **High Resolution**

Camera Features

Sensor	1/3" Sony Hyper HAD™ CCD
Effective Pixels	752 (H) x 582 (V)
Sensitivity	0.1 Lux. For usable picture with lens at f1.2 with AGC (80% scene reflectance)
Resolution	570 TVL
Signal System	CCIR: 625 lines 50 fields per second 2:1 interlace
Composite Output	1V pk-pk composite video via 75Ω BNC connector on the rear of the camera
Signal to Noise Ratio	Better than 50dB
AGC	Built in 28dB
Electronic Iris	1/50s - 1/100,000s. Selectable On/Off via dip switches
Backlight Compensation	Selectable On/Off. Weighted to centre third of scene
Gamma Correction	Selectable gamma of 0.45 (norm) or 1.0 (linear) via a dip switch
Sync System	Line lock. The option to switch to internal synchronisation is provided via a dip switch (for unstable mains supply frequencies)
Adjustable V phase	The line lock vertical phase may be adjusted by ±120°



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SPECIFICATION

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Lens Options

Manual	Any 'C' or 'CS' mount 1/2", 2/3" or 1" lens. NB lens is not supplied
Auto Iris (video drive)	Via 3-way, two part terminal block 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

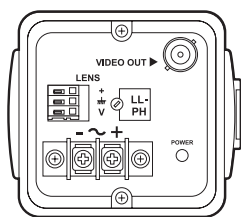
Source	CD9210: 230V AC $\pm 10\%$ 50Hz; CD9210/LV: 12~30V AC $\pm 10\%$, 11~40V DC $\pm 10\%$
Consumption	Less than 4W
Input Power Isolation	Fully isolated power supply

Mechanical

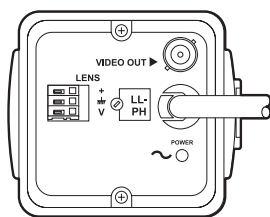
Lens Mount	C/CS via racking back focus mechanism with two adjustment points (top & side)
Camera Mount	1/4"-20 UNC or 1/4" BSW (top or bottom)
Dimensions	122.5 (L) x 59.5 (H) x 65.5 (W) mm
Weight	0.35kg
Material	Die-cast zinc lens mount. Extruded aluminium body. Flame retardant ABS plastic front trim, rear bezel and door

Environmental

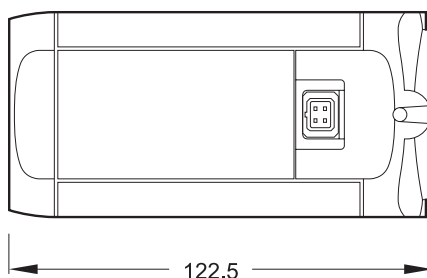
Operating Temperature	-10°C to +50°C (14°F to 122°F)
Operating Humidity	20% to 80% relative humidity, non condensing
Storage Temperature	-10°C to +70°C (14°F to 158°F)
Storage Humidity	20% to 90% relative humidity, non condensing



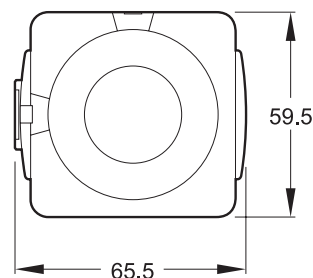
Low Voltage Models



Mains Voltage Models



122.5



65.5

59.5



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