

# CD9207/LV SPECIFICATION

MONOCHROME CAMERA

CCIR 1/3" CCD Medium Resolution Monochrome Camera



## SPECIFICATIONS

<b>Sensor:</b>	1/3" Sony Hyper HAD™ CCD.
<b>Effective Pixels:</b>	500 (H) x 582 (V)
<b>Sensitivity:</b>	0.1 Lux. For usable picture with lens at f1.2 with AGC (80% scene reflectance).
<b>Resolution:</b>	380 TVL
<b>Video Output:</b>	1V pk-pk composite video via 75Ω BNC connector on the rear of the camera. CCIR: 625 lines 50 fields per second 2:1 interlace.
<b>Signal to Noise Ratio:</b>	Better than 50dB.
<b>AGC:</b>	Built in 28dB.
<b>Electronic Iris:</b>	1/50s – 1/100,000s. Selectable On/Off via dip switches.
<b>Backlight Compensation:</b>	BLC selectable On/Off. Weighted to centre third of scene.
<b>Selectable Gamma:</b>	Selectable gamma of 0.45 (norm) or 1.0 (linear) via a dip switch.
<b>Sync System:</b>	Line lock. The option to switch to internal synchronisation is provided via a dip switch (for unstable mains supply frequencies).
<b>Adjustable V phase:</b>	The line lock vertical phase may be adjusted by ±120°.
<b>Lens Options:</b>	
<b>Manual:</b>	Any 'C' or 'CS' mount 1/3", 1/2", 2/3" or 1" lens.
<b>Auto Iris (video drive):</b>	Via 3-way, two part terminal block at rear of camera.
<b>Auto Iris (DC drive):</b>	4-pin square type socket on the side of the camera. DC level is user defined via a potentiometer

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located next to the socket.

**Power Supply:**

**Dual input power supply:** 24V AC  $\pm$  10% or 12V DC  $\pm$  10%

**Input Power Isolation:** Fully isolated power supply.

**Power Consumption:** less than 4W.

**Mechanical Specifications:**

**Lens Mount:** C/CS via racking back focus mechanism with two adjustment points (top and side).

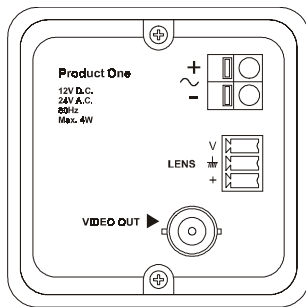
**Camera Mount:** 1/4"-20 UNC or 1/4" BSW (top or bottom).

**Dimensions:** 122.5 (L) x 59.5 (H) x 65.5 (W) mm.

**Weight:** 0.35 Kg

**Material:** Die-cast zinc lens mount. Extruded aluminium body. Flame retardant ABS plastic front trim, rear bezel and door.

**Connectors and Rear Panel:**



**Environmental (Temperature and Humidity):**

**Operating:** temperature: -10 to +50°C (14 to 122°F)  
Humidity: 20% to 80% relative humidity, non condensing.

**Storage:** temperature: -10 to +70°C (14 to 158°F)  
Humidity: 20% to 90% relative humidity, non condensing.

**Physical Dimensions:**

