



- DSP monochrome camera
- 1/2" Hyper HAD™ imager
- High resolution 580TVL
- High sensitivity 0.08 lux
- Backlight compensation
- Line lock (adjustable phase)

## Camera Features

<b>Sensor</b>	1/2" Sony Hyper HAD™ CCD with micro-lens over each pixel.
<b>Effective Pixels</b>	752 (H) x 582 (V)
<b>Sensitivity</b>	0.08 lux. For usable picture with lens at F1.2 with AGC (80% scene reflectance)
<b>Resolution</b>	580 TVL
<b>Video Output</b>	1V p-p 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 48dB
<b>AGC</b>	On / Off with 28dB of gain
<b>Electronic Iris</b>	1/50s - 1/100,000s. Selectable On/Off via DIP switches
<b>Backlight Compensation</b>	BLC selectable On/Off via DIP switches. Weighted to centre third of scene
<b>Gamma Correction</b>	User-selectable 1.0 (linear) or 0.45 (normal) via a DIP switch
<b>Synchronisation System</b>	Genlock, line-lock or internal. Genlock synchronises the camera to another video signal or synctrain, a BNC connector is provided on the rear of the camera for this purpose. Line-lock allows V Phase to be set to fixed or adjustable. The option to switch to internal synchronisation is provided via a DIP switch
<b>Adjustable V phase</b>	The line lock vertical phase may be adjusted by ±120°

## SPECIFICATION

# CDSP9752 & CDSP9752/LV

### Lens Options

<b>Manual</b>	Any 'C' or 'CS' mount 1/2", 2/3" or 1" lens
<b>Auto Iris (video drive)</b>	Via 3 terminal, spring loaded, quick release connector 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 located next to the socket

### Power Supply

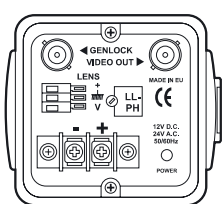
<b>Low Voltage version</b>	12~30V AC, 11~40V DC
<b>Mains version</b>	230V AC +10, -15% 50/60Hz
<b>Input Power Isolation</b>	Fully isolated power supply
<b>Power Consumption</b>	Less than 5W

### Mechanical

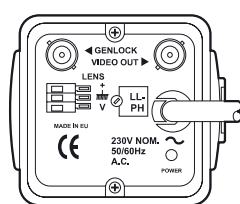
<b>Lens Mount</b>	C/CS via racking back focus mechanism with two adjustment points (top and side)
<b>Camera Mount</b>	1/4"20 UNC or 1/4"BSW (top or bottom)
<b>Dimensions</b>	122.5 (L) x 59.5 (H) x 65.5 (W) mm
<b>Weight</b>	Mains version: 0.6 kg, low voltage version: 0.4kg
<b>Material</b>	Die-cast zinc lens mount. Extruded aluminium body. Flame retardant ABS plastic front trim, rear bezel and door

### Environmental

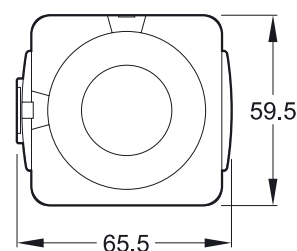
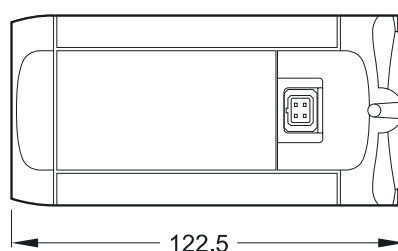
<b>Operating Temperature</b>	-10 to +50°C (14 to 122°F)
<b>Operating Humidity</b>	20% to 80% relative humidity, non condensing
<b>Storage Temperature</b>	-10 to +70°C (14 to 158°F)
<b>Storage Humidity</b>	20% to 90% relative humidity, non condensing



Low Voltage Models



Mains Voltage Models



**BAXALL**  
L I M I T E D

*Hyper HAD™ is a trademark of the Sony Corporation. Price and specification are subject to change without notice.*

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