



- DSP Colour Camera
- 1/2" CCD
- PAL (NTSC available)
- High Resolution

## 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>	0.8 lux. For usable picture with lens at F1.2 with AGC (80% scene reflectance)
<b>Resolution</b>	480 TVL
<b>Video Output</b>	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
<b>Signal to Noise Ratio</b>	Better than 48dB
<b>White Balance</b>	Auto Tracing, Indoor, Outdoor, Fluorescent selectable via dip switches
<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 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>	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
<b>Adjustable V phase</b>	The line lock vertical phase may be adjusted by ±120°

## SPECIFICATION

# CDSP9713 & CDSP9713/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>Direct Drive (DC iris)</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

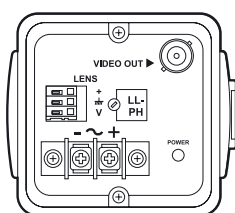
<b>Low Voltage version</b>	12~30V AC $\pm$ 10%, 11~40V DC $\pm$ 10%
<b>Mains version</b>	230V AC $\pm$ 10% 50Hz
<b>Input Power Isolation</b>	Fully isolated power supply
<b>Power Consumption</b>	Less than 5W

### Mechanical

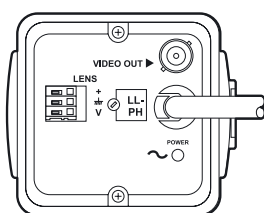
<b>Lens Mount</b>	C/CS via racking back focus mechanism with two adjustment points (top and side)
<b>Camera Mount</b>	1/4"20 UNC or 1/4"BSW (top or bottom)
<b>Dimensions</b>	122.5 (L) x 59.5 (H) x 65.5 (W) mm
<b>Weight</b>	0.6 Kg
<b>Material</b>	Die-cast zinc lens mount. Extruded aluminium body. Flame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

### Environmental

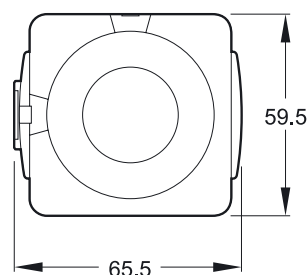
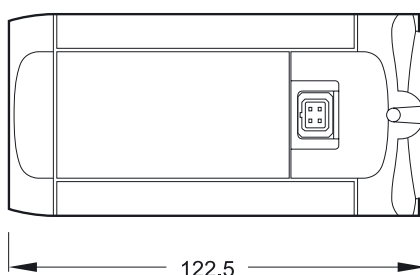
<b>Operating Temperature</b>	-10 to +50°C (14 to 122°F)
<b>Operating Humidity</b>	20% to 80% relative humidity, non condensing
<b>Storage Temperature</b>	-10 to +70°C (14 to 158°F)
<b>Storage Humidity</b>	20% to 90% relative humidity, non condensing



Low Voltage Models



Mains Voltage Models



**BAXALL**  
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