



- NVT UTP Output
- DSP monochrome camera
- 1/2" Hyper HAD™ imager
- High resolution 580TVL
- High sensitivity 0.06 lux
- Backlight compensation
- Line lock (adjustable phase)

Camera Features

Sensor	1/2" Sony Hyper HAD™ CCD with micro-lens over each pixel.
Effective Pixels	752 (H) x 582 (V)
Sensitivity	0.06 lux. For usable picture with lens at F1.2 with AGC (80% scene reflectance)
Resolution	580 TVL
Video Output	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 Twisted pair: for video transmission up to 1000m (100Ω)
Signal to Noise Ratio	Better than 48dB
AGC	On / Off with 28dB of gain
Electronic Iris	1/50s - 1/100,000s. Selectable On/Off via DIP switches
Backlight Compensation	BLC selectable On/Off via DIP switches. Weighted to centre third of scene
Gamma Correction	User-selectable 1.0 (linear) or 0.45 (normal) via a DIP switch
Synchronisation System	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
Adjustable V phase	The line lock vertical phase may be adjusted by ±120°



SPECIFICATION

CDSP9752/LV/UTP

Lens Options

Manual	Any 'C' or 'CS' mount 1/2", 2/3" or 1" lens
Auto Iris (video drive)	Via 3 terminal, spring loaded, quick release connector at rear of camera
Auto Iris (DC drive)	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

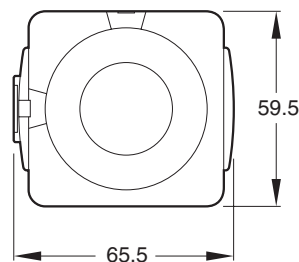
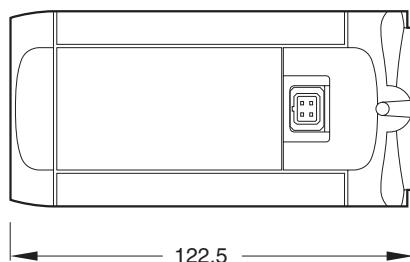
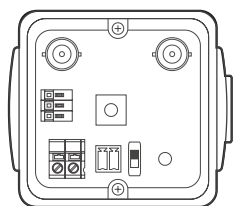
Supply Voltage	12~30V AC, 11~40V DC
Input Power Isolation	Fully isolated power supply
Power Consumption	Less than 5W

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	0.4kg
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



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