

Marshall



The CV365 is a High Definition miniature camera with 3G-SDI / HD-SDI / HDMI output.

The CV365 measures just 60 x 60 x 56mm but delivers a very high quality images from this compact footprint.

The CV365 also includes GENLOCK Tri-Level Sync at camera level to ensure clean switching between cameras.

It is a rugged and versatile little camera with a comprehensive OSD controlled by a joystick on the cable or RS485 function controller.

It is already used in a wide range of industries and is ideal for applications including Broadcast, Industrial Condition Monitoring and Scientific Research.

SeeSense are able to provide full technical assistance and back up for this camera.

Please contact SeeSense for further details and for accessory options

Miniature High Definition POV Camera

Specifications:

- High Definition Progressive camera
- 1/3-inch 2.5MP CMOS Sensor
- 1080p, 1080i or 720p output
- 3G-SDI, HD-SDI & HDMI outputs
- 0.2 lux low light sensitivity
- Versatile & Compact camera
- Full On Screen Display
- Lemo Connector containing power, audio mic, OSD menu joystick & RS485
- Only 60mm (W) x 60mm (H) X 56mm (L)
- Weight 180 grammes (without lens)

Applications:

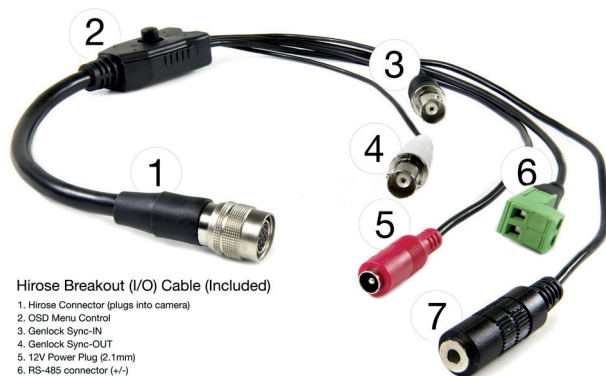
- Broadcast Television
- POV Video Shots
 - Reality TV
 - In Car
 - Hidden Camera
 - Culinary Shows, Etc, Etc, etc
- Sports
- Concert & Studio Music
- Medical
- Industrial imaging
- Scientific Research



Rev: 1.021.0618 E.&O.E.

Specification:

Power Requirements	12 V DC (7~15V DC) , Max 6W
Image Sensor	1/3-inch 2.5 MP CMOS
Pixel Size	To be confirmed
Effective Pixels	Horizontal: 1,920 Vertical: 1,080
Output Pixels	Horizontal: 1,920, Vertical: 1,080
Output Mode	1080 i / 1080 p / 720p
Horizontal Resolution	1,000 TVL
Synchronising System	Internal
Scanning System	16:9 Progressive Scan
Video Output	3G-SDI & HD-SDI (BNC) HDMI 1.3 compliant (Embedded Audio) SMPTE 292M (1.485 Gbps) SMPTE 424M (2.97 Gbps) 800mVp-p, 75Ω, unbalanced generator (single-ended)
Output Formats	1920 x 1080p 60, 59.94, 50, 30, 29.97, 25fps 1920 x 1080i 60, 59.94, 50, 30, 25fps 1280 x 720p 60, 59.94, 50, 30, 25fps
Minimum Illumination	0.2 lux (Colour), 0.1 lux (B&W), 0.005 LUX (DSS On)
Electronic Shutter / AE Control (Exposure)	AUTO / MANUAL 1/25~1/30,000 Second, DSS (SENS-UP) = OFF, X2~64
Auto Gain Control (AGC)	0~20 steps
Audio Line Level Input	Line Level Input (1Vrms). 2.5 V bias, Bit Depth: 16, 10, 24, 32 bits. 48KHz Sample rated. Gain -12dB~59.5dB
White Balance (AWB)	AUTO (3,000°K~8,000°K) / AUTO EXT (1,900°K~11,000°K) / PRESET / MANUAL (Red-Gain, Blue-Gain)



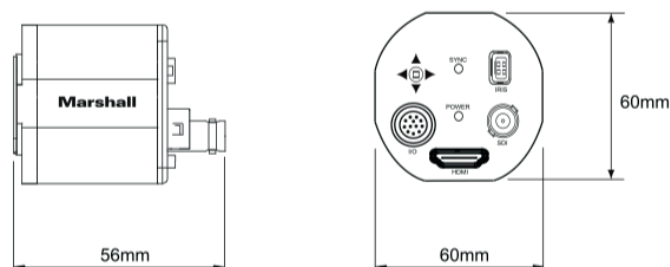
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Specification Continued:

Digital Noise Reduction	DNR (OFF / LOW / MIDDLE / HIGH)
Day & Night System	AGC / TDN (ICR)
Gamma / Black Level	Fine Tune Control
Wide Dynamic Range / Back Light Adjust	WDR (OFF / LOW / MIDDLE / HIGH) / BLC / HLC (High Light Compensation)
Genlock	Tri-Level Sync Input and Loop Out
Other Functions	Digital Image Stabiliser, Flicker-free mode, Defog, Privacy Mask, Motion Detect, Mirror, Horizontal or Vertical Flip
Function Control	On Screen Display by joystick or RS485 PELCO-P/D, SONY-VISCA Protocol 8Bits Data, 1Stop Bit, No Parity, 2400~115200bps
Connection	Hirose breakout cable included
Lens mount	C / CS-mount, Manual or DC-Iris
Dimensions	60mm (W) x 60mm (H) x 56mm (L)
Weight	Approx 180g without lens
Operating Temperature	-10° ~ 50°

Accessories:

CV-RCP-V2	Touchscreen Camera Remote Control Panel (RCP)
Tripod Mounting Brackets	1/4"-20 Compact Camera Stands & Mounts, Clamps, Articulated arms, etc
Lenses	Please contact SeeSense about the full range of lenses we offer for this camera.



Please contact SeeSense for further details of this camera and a list of compatible CS-mount and C-mount lenses:
www.seesense.eu sales@seesense.eu