

Marshall



The CV225 is an IP67 rated compact High Definition lipstick camera with 3G-SDI / HD-SDI output.

The CV225 measures just 19.5 x 62.5mm but delivers a very high quality images from this compact footprint.

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.

Options Include:

CV225-M PAL Broadcast Regions
(50/60/25/30 fps)

CV225-MB US (NTSC) BROADCAST REGIONS
(59.94/29.97 fps)

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

Please contact SeeSense for further details and for accessory options

IP67 Rated High Definition Lipstick Camera

Specifications:

- Full HD Progressive / Interlaced camera
- 1/3-inch 2.5MP CMOS Sensor
- Weatherproof IP67 Housing
- 1080p, 1080i or 720p output
- 3G-SDI & HD-SDI output
- 0.2 lux low light sensitivity
- Versatile & Compact lipstick camera
- Full On Screen Display
- Control via built-in joystick
- Only 19.5mm (Dia) x 62.5mm (Length)
- Weight 195 grammes (with cable)

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

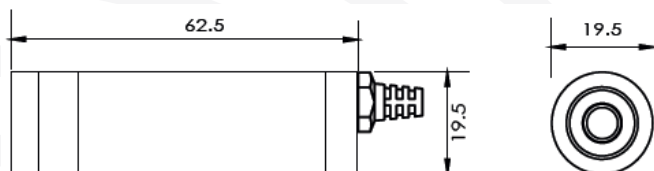
CV225 with optional RCP



Rev: 1.019.0618 E.&O.E.

Specification:

Power Requirements	12 V DC (7~15V DC) , 1.0A, Max 6W
Image Sensor	1/3-inch 2.5 MP CMOS
Pixel Size	To be confirmed
Effective Pixels	Horizontal: 1,956, Vertical: 1,266
Output Pixels	Horizontal: 1,944, Vertical: 1,092
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) SMPTE 292M (1.485 Gbps) SMPTE 424M (2.97 Gbps) 800mVp-p, 75Ω, unbalanced generator (single-ended)
Output Formats	1920 x 1080p 60, 50, 30, 25fps 1920 x 1080i 60, 50, 30, 25fps 1280 x 720p 60, 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
White Balance (AWB)	AUTO (3,000°K~8,000°K) / AUTO EXT (1,900°K~11,000°K) / PRESET / MANUAL (Red-Gain, Blue-Gain)



Please contact SeeSense for further details of this camera and a list of compatible S-mount (M12) lenses:
www.seesense.eu sales@seesense.eu

Specification Continued:

Digital Noise Reduction	DNR (OFF / LOW / MIDDLE / HIGH)
Gamma / Black Level	Fine Tune Control
Wide Dynamic Range / Back Light Adjust	WDR (OFF / LOW / MIDDLE / HIGH) / BLC / HLC (High Light Compensation)
Day/Night System	AGC with IR cut filter removal
Other Functions	Digital Image Stabiliser, Flicker-free mode, Defog, Privacy Mask, Motion Detect, Mirror, Horizontal or Vertical Flip
Function Control	On Screen Display by switch or RS485 PELCO-P/D, SONY-VISCA Protocol 8Bits Data, 1Stop Bit, No Parity, 2400~115200bps
Lens mount	S-mount (M12)
Lens	3.6mm F2.0 standard (interchangeable by removal of cap)
Dimensions	19.5mm (W) x 19.5mm (H) x 62.5mm (L)
Weight	Approx 195g with cable
Operating Temperature	-10° ~ 50°
Operating Humidity	IP67 Rated (The ability to be submerged in water up to 45 minutes at a time)

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	2.3mm 126°, 2.8mm 100°, 3.6mm 72° (standard), 6.0mm 48°, 8.0mm 44°, 12.0mm 33° & 16mm 25° (HFOV)

Please contact SeeSense about the full range of lenses we can offer for this camera.



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