

CV342-CS CV342-CSB

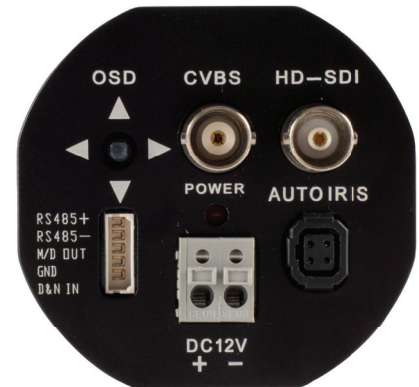
Marshall Electronics

OPTICAL SYSTEMS DIVISION

2.2 Megapixel HD-SDI/3G-SDI Compact CS/C Mount Full-HD Camera



REAR VIEW



CV342-CS

- 2.2 Megapixel 1/3" CMOS Sensor
- CS/C Mount with DC Auto-Iris connect (lens sold separately)
- 1920x1080i60/50, 1920x1080p60/50/30/25, 1280x720p60/50/30/25fps
- HD-SDI/3G-SDI & CVBS (Composite) BNC Outputs
- 1.0Lux (Color), 0.5Lux (B/W), 0.02Lux (Sens-up x30)
- Auto/Manual White Balance, Double Shutter Wide Dynamic Range (ACCE)
- Digital Noise Reduction (2D+3D), Digital Defog, Privacy Masking, Motion Detection, HLC
- 12V DC, Max: 180mA (PN: V-PS12-1.25A, sold separately)
- Dims: 60mm x 57mm x 45mm, 159grams (0.35lb)
- OSD Joystick & RS-485 controllable

CV342-CSB

- 2.2 Megapixel 1/3" CMOS Sensor
- CS/C Mount with DC Auto-Iris connect (lens sold separately)
- 1920x1080i59.94, 1920x1080p59.94, 1280x720p59.94fps
- HD-SDI/3G-SDI & CVBS (Composite) BNC Outputs
- 1.0Lux (Color), 0.5Lux (B/W), 0.02Lux (Sens-up x30)
- Auto/Manual White Balance, Double Shutter Wide Dynamic Range (ACCE)
- Digital Noise Reduction (2D+3D), Digital Defog, Privacy Masking, Motion Detection, HLC
- 12V DC, Max: 180mA (PN: V-PS12-1.25A, sold separately)
- Dims: 60mm x 57mm x 45mm, 159grams (0.35lb)
- OSD Joystick & RS-485 controllable

SPECIFICATIONS

Imaging Sensor	1/3" Panaspic 2.2 Mega-pixel CMOS Sensor
Scannin System	Progressive Scan
Number of Active Pixels	1944 (H) x 1092 (V) = 2,122,848 (pixel)
Number of effective Pixels	2010 (H) x 1108 (V) = 2,227,080 (pixel)
S/N Ratio	More than 50dB
Video Output Mode	CV342-CS: 1920x1080i60/50, 1920x1080p60/50/30/25, 1280x720p60/50/30/25fps CV342-CSB: 1920x1080i59.94, 1920x1080p59.94/30, 1280x720p59.94/30fps
Video Output Level	HD-SDI / 1.0Vp-p (75Ω, Composite) NTSC/PAL (selectable)
Min. Illumination	1.0Lux (Color), 0.5Lux (B/W), 0.02Lux (Sens-up x30)
Lens	C & CS mount lenses (Lens sold separately)
Electronic Shutter Speed	Auto/Flk/ 1/30sec~1/50,000sec/ X2~30/sec
White Balance	AWB/AWC-Set/Manual/Indoor/Outdoor
Backlight Compensation	BLC/HSBLC/Off
D-WDR/ACCE	Low/Middle/High/Off
AGC	Low/Middle/High
Adjust	Sharpness/Monitor/LSC/NTSC/PAL
Language	English, Japanese, Chinese, Korean, German, French, Italian, Spanish, Polish, Russian, Portuguese, Dutch, Turkish, Hebrew, Arabic

Day & Night	Auto/BW/Color/EXT(Selectable)
2D/3D-NR	2DNR/3DNR/SMART NR
Digital Zoom/PIP	ON/Off (x2~x84)
Privacy Masking	On/Off (8 Zone Selectable)
Motion Detection	On/Off (3 Zone Selectable)
Defect	LIVE Dead Pixel Correction/STATIC Dead Pixel Correction
Sens-Up	On (X2~X30) / Off
D-EFFECT	Freeze/Mirror/D-Zoom/NEG.IMAGE
IR LED	-
Construction	Aluminum Die-Casting Case
Operating Temp	-10°C~50°C(14 °F~122°F)
Storage Temp	-20°C~60°C(-4°F~140°F)
Humidity	0% to 90%
Supplied Voltage	DC12V 10% ±10%
Power Consumption	Max.150mA
Dimensions (WxHxD)	60 x 57 x 45mm (H x W x D)
Weight	159g
Certification	CE, FCC, RoHS, KCE