

2MP HD-SDI Miniature Broadcast Camera with 3.7mm Prime Lens

The newly designed 2nd generation CV500-M2 & CV500-MB2 Miniature Full-HD Cameras improve durability, versatility, compatibility, and functionality. This uniquely small camera meets the heavy duty requirements of Broadcast, Teleconference, Security/Surveillance, Machine Vision, and other Mini-HD applications.

CV500-MB2 is a Full-HD Broadcast Camera with 1080i/59.94 and 720p/59.94, as well as 1080p/60(50)-3GSDI resolutions for filming Sports, Reality-TV, Culinary, Newscast, Documentaries, Stunts, Hidden Cams, and House of Worship. At 1.4" x 1.4" these cameras enable unobtrusive placement or concealment just about anywhere. These HD cameras incorporate a superior quality 2.2 Megapixel 12-bit CMOS sensor, able to produce high speed 60fps at very low power consumption. Video enhancement features such as double shutter Wide Dynamic Range (WDR), Automatic White Balance, Pixel Correction, Low Light Sensitivity, Digital Noise Reduction (2D+3D), Digital Zoom, Digital Defog, and Auto Day/Night offer a variety of tools for broadcast quality video.



Model Number	Resolution
CV500-M2	1080p60/50fps, 1080i60/50, 1080p30/25, 720p60/50
CV500-MB2	1080p60/50fps, 1080i59.94/50, 1080p30/25, 720p59.94/50

FEATURES

- 2.2 Megapixel 1/3" CMOS Sensor
- 3.7mm MegaPixel M12 Prime Lens installed (interchangeable)
- 3G-SDI (BNC), HD-SDI (BNC) & CVBS (BNC) built into rear panel
- OSD Menu controller & RS-485 controllable hook-up
- Double Shutter Wide Dynamic Range (WDR)
- Digital Fog removal function, Digital Noise Reducer (2D/3D)
- Body Dims: 1.4"H x 1.4"W x 1.3"D
- 12V DC (PN: V-PS12V-1.25A, sold separately)
- Compatible with most DSLR mobile battery solutions
- Power Consumption: Max. 160mA
- 1/4"-20 mount built into camera body
- CV500-M2: 1080p/60(50), 1080i/60(50), 1080p/30(25), 720p/60(50)fps
- CV500-MB2: 1080p/60(50), 1080i/59.94(50), 720p/59.94(50)fps



Compatible M12 Prime Lenses

Marshall PN	Description
V-4402.3-2.5-HR	2.3mm/F2.5 Prime Lens
V-4402.5-2.5-HR	2.5mm/F2.5 Prime Lens
V-4403.0-2.0-HR	3.0mm/F2.0 Prime Lens
V-4704.0-2MP-VIS-IR	4mm/F2.0 2MP Prime Lens
V-4404.3-1.8-HR	4.3mm/F1.8 Prime Lens
V-4705.0-2MP-VIS-IR	5mm/F2.0 2MP Prime Lens
V-4405.6-2.1-HR	5.6mm/F2.1 Prime Lens
V-4408.0-2.0-HR	8.0mm/F2.0 Prime Lens
V-4412.0-2.0-HR	12mm/F2.0 Prime Lens
V-4350-2.5	50mm/F2.5 Prime Lens