Marshall

BROADCAST & **PRO AV**

CV520

Compact Full HD IP & 3G-SDI Camera





BACK

HEVC | SRT READY | 3GSDI | IP H.265 HEVC | PoE | LENS OPTIONS

OVERVIEW

The **Marshall CV520** camera is a broadcast quality POV camera delivering exceptional FHD video performance from a durable and discreet aluminum alloy body with flexible interchangeable lenses. The new Sony sensor offers rich color accurate video with enhanced low-light sensitivity and refined remote adjust and match features making it the most powerful POV camera on the market.

PRODUCT FEATURES

- **2.12 megapixel 1/2.86" FHD sensor with CV-4704.0-3MP lens**
- **Flexible interchangeable M12 lens mount comes with 4.0mm lens with 80° horizontal AOV**
- **Up to FHD 1920 x 1080p60 over 3G-SDI and IP simultaneously**
- **Streaming protocols including RTSP, RTMP, SRT with H.264 and HEVC codecs**
- **Audio input for embedding audio to video output (Audio only embeds to IP output)**
- **A small joystick on the included breakout cable allows quick access to OSD Menus**
- **Remote adjust & match via VISCA over RS485, VISCA over IP and camera web GUI**
- **Powered with included 12VDC power supply or PoE over CAT cable**
- **Easy firmware upgrade in the field**
- **Industrial standard 1/4"-20 mount hole**

SPECIFICATIONS

Sensor	Image Sensor	1/2.86" Progressive CMOS (Approx. 2.12 Megapixels)
	Scanning System	16:9 Progressive
	Sync. System	Internal
	Effective Pixel	1920(H) x 1080(V)
	Min. Illumination	0.01Lux (Day), 0.005Lux (Night)
Optics	Lens	M12 4mm Lens (Included)
Functions	Back Light Comp	WDR, BLC
	Exposure	Auto / Manual
	White Balance	AUTO / Manual / Indoor / Outdoor / One Push / AUTO Tracking (ATW)
	Day & Night System	Day / Night:TDN (ICR)
	Electronic Shutter	1/30~1/10000
	Functions	Image Mirror/Flip, 2D+3DNR, Anti Flicker
Ethernet	IP Protocols	SRT, RTMP, RTSP
	Video Encode Format	H.264 / H.265 (Note: RTMP supports only H.264)
Video Output	Interfaces	3G-SDI, Ethernet
Output Resolution	IP	1080p25/29.97/30/50/59.94/60, 720p25/29.97/30/50/59.94/60
	3G-SDI	1080p23.98/24/25/29.97/30/50/59.94/60, 1080i50/59.94/60, 720p25/29.97/30/50/59.94/60
Audio Input	Line level	22.05kHz, 44.1kHz sample rates
Control	Network	Web GUI / VISCA over IP
	Terminal Block	VISCA over RS485
General	Operation Temp	0°C ~ 50°C
	Power Input	12VDC (10V to 13.5VDC),
	Power consumption	12VDC: 3.12W, POE:TBD
	Dimensions	115.18mm(L) x 64mm(W) x 61mm(H) (No lens)
	Weight	0.90 lbs (Without lens)