

# Marshall

BROADCAST &amp; PRO AV

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CV504, CV504-WP, CV508, CV348		SPECIFICATIONS
Sensor	Image Sensor	Sony 1/2.8" IMX CMOS Solid-state Image Sensor with Square Pixel Array
	Color	10bit, 4.2.2, ITU BT.709
	Pixel Size	2.9 μm x 2.9 μm
	Effective Pixel	1920 (H) x 1080 (V)
	Min. Illumination	0.01Lux (Day), 0.005Lux (Night)
Optics	Lens	separate)
Functions	Back Light Compensation	WDR, BLC, HLM
	Exposure	Auto / Manual / AGC Fix / Shutter Fix
	White Balance	ATW (1,900°K~11,000°K) / Manual / Indoor / Outdoor / One Push
	Day & Night System	Day (color) & Night (b/w) capability (Auto/Manual/Adjustable) with removable IR cut filter mechanism
	Electronic Shutter	1/30~1/10000
	Functions	Privacy Mask, Image Mirror/Flip, 2D+3DNR, Flicker-less, Defog, Dzoom DIS (Digital Image stabilizer), NegArt, Freeze
Video Outputs	HDSDI	SMPTE 292M(1.485Gbps): 1920x1080p @ 23.976, 24, 25, 29.97, 30. 1920x1080i @ 50, 59.94, 60. 1280x720p @ 50, 59.94, 60
	3GSDI	SMPTE 424M(2.97Gbps): 1920x1080p @ 50, 59.94, 60fps 800mVp-p, 75Ω, unbalanced generator (single-ended)
	HDMI (+Audio)=CV508 only	HDMI 1.3 compliant on CV508 simultaneous to 3GSDI outputs
Audio Input	MIC Input	TRS Stereo, Mic/Line Level input with 2.5V Mic bias 48mHz, Bit Depth: 8bits data, 1 stop bit, no parity, 2400~115200bps
Control Interface	Visca over RS485	SONY-VISCA protocol, Camera ID#, Baudrate 2400~115200
General	Operation Temperature	-10°C ~ 50°C
	Power Input	12VDC (7V to 15VDC)
	Power consumption	Max 6W: CV504/CV504-WP = 2.64W, CV508 = 2.76W, CV348 = 3.6W