

Marshall Electronics



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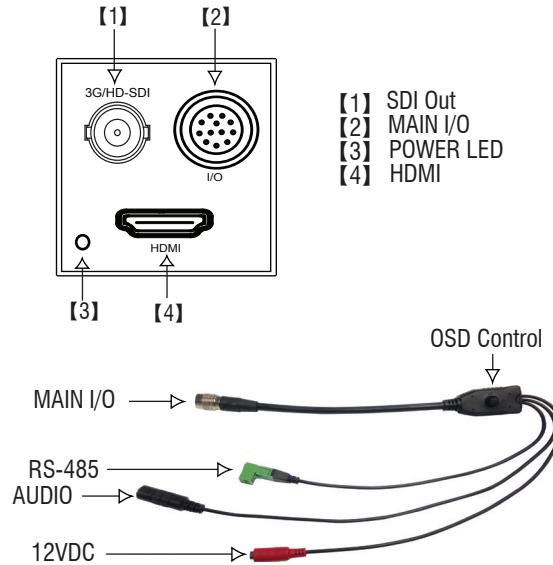
Full-HD (3G/HD-SDI) 2.5MP Mini-Broadcast
POV Camera with 3.7mm 2MP Lens



Features

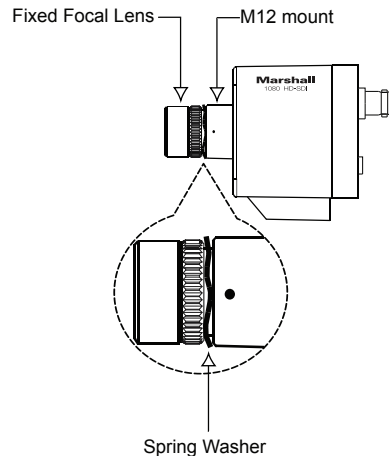
- 2.5 Megapixel 1/3-inch CMOS Sensor
- 3.7mm Megapixel M12 Prime Lens installed (interchangeable)
- **CV505-MB**: 1920x1080p59.94/29.97, 1920x1080i59.94, 1280x720p59.94/29.97fps
- **CV505-M**: 1920x1080p60/50/30/25, 1920x1080i60/50, 1280x720p60/50/30/25fps
- 3G/HD-SDI (BNC) & HDMI (full size v1.3) built into rear panel
- Lemo-style (I/O) connector contains
- Audio Mic Stereo (TRS) input embedding w/ 2.5V power supply (embeds 3G/HD-SDI & HDMI)
- OSD Menu Joystick, RS-485 connectable (Pelco/Visca)
- 12VDC

Rear Panel Video/Power Connection



How to Change a Fixed Focal Lens

1. Please check whether lens mount type is a M12 mount.
2. Spring washer is to be inserted between a lens and a mount.
3. Go to the camera setup and set the LENS mode as ESC.



Specifications

CV505		SPECIFICATIONS			
Sensor	Image Sensor	1/3" Progressive CMOS (Approx. 2.1 mega)			
	Scanning System	16:9 Progressive			
	Sync. System	Internal			
	Effective Pixel	1920(H) x 1080(V)			
	Min. Illumination	0.2Lux (Day), 0.1Lux (Night), 0.005Lux (DSS on)			
Optics	Horizontal Resolution	1,000TVL			
	Lens	Fixed HD lens			
Functions	Back Light Compensation	WDR/BLC HLC (High Light compensation)			
	Exposure	Auto / Manual			
	White Balance	Auto (3,000°K~8,000°K) ATW (1,900°K~11,000°K) Manual			
	Day & Night System	AGC / TDN (ICR)			
	Electronic Shutter	NTSC: 1/30~1/30000 PAL: 1/25~1/30000 DSS (~X64)			
	Functions	Privacy Mask, Image Mirror, 3DNR, Flickerless Sharpness, Defog, DIS (Digital Image Stabilizer) Motion Detection, DSS (Digital Shutter Speed)			
	Video Output	SDI (BNC)	SMPTE 292M (1.485Gbps) 1080p@25/30 or 29.97 1080i@50/60 or 59.94 720p@50/60 or 59.94 720p@25/30		
			HDMI (HDMI Type A)	SMPTE 424M (2.97Gbps) 1080p@50/60 or 59.94 800mVp-p, 75Ω, Unbalanced Generator (Single-Ended) HDMI 1.3 compliant (Embedded Audio) 1920x1080p@50/60 or 59.94 1920x1080i@50/60 or 59.94 1920x1080p@25/30 or 29.97 1280x720p@50/60 or 59.94 1280x720p@25/30	
				MIC Input	Mic Level (1Vrms) 2.5V Mic bias Bit Depth: 16,20,24,32Bits. 48KHz sample rates Gain: -12dB ~ 59.5dB
					Control
General		Operation Temperature		-10°C ~ 50°C	
		Power Input	12VDC (7VDC to 15VDC)		
		Power consumption	Max 6W		
		Dimensions	36(W) x 36(H) x 45(D)mm		
Net Weight	Approx. 140g (With Lens)				

Dimensions

