



Compare Miniature POV Cameras



									
Model	CV504	CV508	CV504-WP	CV228	CV566	CV568	CV570	CV574	
Available	now	now	now	now	now	now	now	now	
Number of Pixels	2.2 million	2.2 million	2.2 million	2.2 million	2.2 million	3.2 million	2.2 million	8.5 million	
Sensor Size	1/2.8"	1/2.8"	1/2.8"	1/2.8"	1/2.8"	1/1.8"	1/2.8"	1/2.8"	
Pixel Size	2.9 µm	2.9 µm	2.9 µm	2.9 µm	2.9 µm	3.4 µm	2.9 µm	2.75 µm	
Sensor Type	Rolling	Rolling	Rolling	Rolling	Rolling	Global	Rolling	Rolling	
Lens Mount Type	M12	M12	M12	M12	M12	M12	M12	M12	
Highest Resolution	up to 1920x1080p (HD) @ 60fps	up to 1920x1080p (HD) @ 60fps	up to 1920x1080p (HD) @ 60fps	up to 1920x1080p (HD) @ 60fps	up to 1920x1080p (HD) @ 60fps	up to 1920x1080p (HD) @ 60fps	up to 1920x1080p (HD) @ 60fps	up to 3840x2160p (UHD) @ 60fps	
Audio embedding	✓	✓			✓	✓	✓	✓	
Audio spec	TRS stereo 48kHz	TRS stereo 48kHz			Mic/Line (2.5V bias) TRS stereo 48kHz	Mic/Line (2.5V bias) TRS stereo 48kHz	Mic/Line (2.5V bias) TRS stereo 48kHz	Mic/Line (2.5V bias) TRS stereo 48kHz	
Digital Zoom Factor	12x	12x	12x	12x	12x	12x	12x	12x	
Color Space	ITU-R BT.709	ITU-R BT.709	ITU-R BT.709	ITU-R BT.709	ITU-R BT.709	ITU-R BT.709	ITU-R BT.709	ITU-R BT.709	
Color Ratio	10bit, 4:2:2	10bit, 4:2:2	10bit, 4:2:2	10bit, 4:2:2	10bit, 4:2:2	10bit, 4:2:2	10bit, 4:2:2	10bit, 4:2:2	
Color Matrix Adjust	✓	✓	✓		✓	✓			
Standard Lens	4mm	4mm	4mm	4mm	4mm	4.4mm	4mm	4.4mm	
AOV wide open	85°	85°	85°	85°	85°	100°	85°	4k Sensor	
Interchangeable Lens	✓	✓	✓	✓	✓	✓	✓	✓	
Min. Object Distance	0.3m	0.3m	0.3m	0.3m	0.3m	0.3m	0.3m	0.3m	
Min Illumination	0.01Lux(Day), 0.005Lux(Night)	0.01Lux(Day), 0.005Lux(Night)	0.01Lux(Day), 0.005Lux(Night)	0.01Lux(Day), 0.005Lux(Night)	0.01Lux(Day), 0.005Lux(Night)	0.01Lux(Day), 0.005Lux(Night)	0.01Lux(Day), 0.005Lux(Night)		
captures IR wavelenghts	✓	✓	✓		✓		✓	✓	
Remote adjust & match	✓	✓	✓	✓	✓	✓	✓	✓	
Visca over RS485	✓	✓	✓	✓	✓	✓	✓	✓	
Compatible Camera Control	CV-RCP-V2, Cyanview, Skaarhoj, and more	CV-RCP-V2, Cyanview, Skaarhoj, and more	CV-RCP-V2, Cyanview, Skaarhoj, and more	CV-RCP-V2, Cyanview, Skaarhoj, and more	CV-RCP-V2, Cyanview, Skaarhoj, and more	CV-RCP-V2, Cyanview, Skaarhoj, and more	IP Control, CV-RCP-V2, Cyanview, Skaarhoj, and more	IP Control, CV-RCP-V2, Skaarhoj, and more	
Camera Control Software	✓	✓	✓	✓	✓	✓	✓	✓	
Visca over IP							✓	✓	
Web browser software GUI							✓	✓	
PoE (Power over Ethernet)							✓	✓	
Power Consumption (max)	2.64W (max 6W)	2.76W (max 6W)		2.64W (max 6W)	2.76W (max 6W)				
Genlock Signal Sync							✓		
Interlaced Resolution	✓	✓	✓	✓	✓	✓	✓	✓	
Software Control	✓	✓	✓	✓	✓	✓	✓	✓	
4K (UHD)									✓
Full-HD	✓	✓	✓	✓	✓	✓	✓	✓	
3GSDI	✓	✓	✓	✓	✓	✓			
HDMI		✓				✓	✓	✓	
IP (HEVC)							✓	✓	
IP protocols							RTSP + RTMP + RTMPS + MPEG-TS + SRT	RTSP + RTMP + RTMPS + MPEG-TS + SRT	
Havision SRT								✓	✓
NDI HX3								✓	✓
NDI HX2								✓	✓
Outdoor	IP67-rated weatherproof housing; submerge in water up to 10-feet for several hours at a time								
More information can be found on our website product pages: www.marshall-usa.com/cameras									

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