

Compare Compact & Zoom Cameras

Model	CV344	CV348	CV346	CV366	CV370	CV374	CV368	CV420e	CV420Ne	CV380-CS	CV355-10X	CV355-30X-IP	CV355-30X-NDI	CV355-30X-ND3	CV420-30X-IP	CV420-30X-NDI	CV420-30X-ND3	CV420-30X	
List Price	\$ 399.99	\$ 399.99	\$ 599.99	\$ 699.99	\$ 899.99	\$ 999.99	\$ 899.99	\$ 1,099.99	\$ 1,199.99	\$ 1,299.99	\$ 799.99	\$ 1,499.99	\$ 1,599.99	\$ 1,599.99	\$ 1,799.99	\$ 1,899.99	\$ 1,899.99	\$ 1,999.99	
Available	now	now	now	now	July, 2023	July, 2023	now	now	now	now	now	now	now	Q3, 2023	now	now	Q3, 2023	now	
Number of Pixels	2.5 million	2.2 million	2.5 million	2.2 million	2.5 million	8.5 million	3.2 million	9.2 million		8.5 million	2.5 million	8.5 million			8.5 million				
Sensor Size	1/2.8"	1/2.8"	1/2.8"	1/2.8"	1/2.8"	1/2.8"	1/1.8"	1/1.8"	1/1.8"	1/2.5"	1/2.5"	1/2.5"	1/2.5"	1/2.5"	1/2.5"	1/2.5"	1/2.5"	1/2.5"	
Pixel Size	2.75 µm	2.9 µm	2.75 µm	2.9 µm	2.9 µm	2.9 µm	3.4 µm	2.0 µm	2.0 µm	1.62 µm	2.9 µm	1.62 µm	1.62 µm	1.62 µm	1.62 µm	1.62 µm	1.62 µm	1.62 µm	
Sensor Type	Rolling CMOS				Rolling CMOS	Rolling CMOS	Global	Rolling CMOS	Rolling CMOS	Rolling CMOS	Rolling CMOS	Rolling CMOS	Rolling CMOS	Rolling CMOS	Rolling CMOS	Rolling CMOS	Rolling CMOS	Rolling CMOS	
Lens Mount Type	interchangeable CS/C lens mount (lens sold separately)				CS/C lens mount (lens sold separately)		CS/C lens mount	ultra-wide fixed 4.5mm lens		CS/C lens mount	10x optical zoom	30x optical zoom built-in			30x optical zoom built-in				
Highest Resolution	up to 1920x1080p (HD) @ 60fps				up to 1920x1080p (HD) @ 60fps	up to 3840x2160 (UHD) @ 60fps	up to 1920x1080p (HD) @ 60fps	up to 3840x2160 (UHD) @ 60fps		up to 4096x2160 (4K) @ 30fps	up to 1920x1080p (HD) @ 60fps	up to 1920x1080p (HD) @ 60fps			up to 3840x2160 (UHD) @ 60fps				
Audio embedding	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Audio spec	Mic/Line (2.5V bias) TRS stereo input	Mic/Line (2.5V bias) TRS stereo 48kHz	Mic/Line (2.5V bias) TRS stereo input	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	Mic/Line 3.5mm Jack	Mic/Line 3.5mm Jack	Mic/Line (2.5V bias) TRS stereo input	Mic/Line (2.5V bias) TRS stereo 48kHz	Mic/Line 3.5mm Jack	Mic/Line 3.5mm Jack	Mic/Line 3.5mm Jack	Mic/Line 3.5mm Jack	Mic/Line 3.5mm Jack	Mic/Line 3.5mm Jack	Mic/Line 3.5mm Jack	
Optical Zoom factor	depends on lens chosen				depends on lens chosen		depends on lens	fixed		fixed	depends on lens	10x	30x	30x	30x	30x	30x	30x	
Digital Zoom factor	12x	12x	12x	12x	12x	12x	12x	12x	fixed	12x	12x	12x	12x	12x	12x	12x	12x	12x	
CV-PT-HEAD compatible	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
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 (June)	ITU-R BT.709	ITU-R BT.709	ITU-R BT.709	ITU-R BT.709 (June)	ITU-R BT.709 (June)	ITU-R BT.709	ITU-R BT.709 (June)	ITU-R BT.709 (June)	ITU-R BT.709	ITU-R BT.709 (June)	
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	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	10bit, 4:2:2	10bit, 4:2:2	
Color Matrix Adjust	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
ADV wide open	depends on lens	depends on lens	depends on lens	depends on lens	depends on lens	depends on lens	depends on lens	102°	depends on lens	60°	70°	70°	70°	70°	70°	70°	70°	70°	
Interchangeable Lens	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Min. Object Distance	depends on lens	depends on lens	depends on lens	depends on lens	depends on lens	depends on lens	depends on lens	30 cm	depends on lens	10 cm	1.5 m	1.5 m	1.5 m	1.5 m	1.5 m	1.5 m	1.5 m	1.5 m	
Min Illumination	0.2lux(Day), 0.1lux(Night)	0.01lux(Day), 0.005lux(Night)	0.2lux(Day), 0.1lux(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)	0.05 lux (F1.6)	0.01Lux(Day), 0.005Lux(Night)	0.5Lux (F1.8)	0.2Lux(Day), 0.1Lux(Night)	0.1 lux (F1.6)	0.1 lux (F1.6)	0.1 lux (F1.6)	0.1 lux (F1.6)	0.1 lux (F1.6)	0.1 lux (F1.6)	0.1 lux (F1.6)	
captures IR wavelengths	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Remote adjust & match	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Visca over RS485	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Compatible Camera Control	CV-RCP-V2, Cyanview, Shairho, and more	CV-RCP-V2, Cyanview, Shairho, and more	CV-RCP-V2, Cyanview, Shairho, and more	CV-RCP-V2, Cyanview, Shairho, and more	CV-RCP-V2, Cyanview, Shairho, and more	CV-RCP-V2, Cyanview, Shairho, and more	CV-RCP-V2, Cyanview, Shairho, and more	VS-PTC-IP, Camera Control Software, Software GUI, OBS plugins, Visca over IP, NDI (on NDI model) and more	CV-RCP-V2, Cyanview, Shairho, and more	CV-RCP-V2, Cyanview, Shairho, and more	VS-PTC-IP, Camera Control Software, Software GUI, OBS plugins, Visca over IP, NDI (on NDI model) and more	VS-PTC-IP, Camera Control Software, Software GUI, OBS plugins, Visca over IP, NDI (on NDI model) and more	VS-PTC-IP, Camera Control Software, Software GUI, OBS plugins, Visca over IP, NDI (on NDI model) and more	VS-PTC-IP, Camera Control Software, Software GUI, OBS plugins, Visca over IP, NDI (on NDI model) and more	VS-PTC-IP, Camera Control Software, Software GUI, OBS plugins, Visca over IP, NDI (on NDI model) and more	VS-PTC-IP, Camera Control Software, Software GUI, OBS plugins, Visca over IP, NDI (on NDI model) and more	VS-PTC-IP, Camera Control Software, Software GUI, OBS plugins, Visca over IP, NDI (on NDI model) and more	VS-PTC-IP, Camera Control Software, Software GUI, OBS plugins, Visca over IP, NDI (on NDI model) and more	
Camera Control Software	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Visca over IP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Web browser software GUI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
PoE (Power over Ethernet)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Power Consumption (max)	3.6W	3.84W	3.6W	4W	4.5W	5.5W	4W	PoE:11W, DC: 10W	9.6W	3.72W	PoE: 10.5W, DC: 9.5W	PoE: 10.5W, DC: 9.5W	PoE: 10.5W, DC: 9.5W	PoE: 10.5W, DC: 9.5W	PoE: 10.5W, DC: 9.5W	PoE: 10.5W, DC: 9.5W	PoE: 10.5W, DC: 9.5W	PoE: 19W, DC: 17W	
Interfaced Resolution	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Software Control	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
True-4K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
UHD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Full-HD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3GSDI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
HDMI	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
IP (HEVC)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
IP protocols	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Havision SRT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
NDI HX3	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
NDI HX2	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Outdoor	IP68 weatherproof + IK10 vandal proof when used with CV-H20-HF with built-in heater, fan, and sun hood										IP68 weatherproof + IK10 vandal proof when used with CV-H20-HFL with built-in heater, fan, and sun hood								

More information can be found on our website product pages: www.marshall-usa.com/cameras