

						
Model	CV420-27X	CV355-30X-NDI	CV355-27X-ND3	CV355-27X-IP	CV356-10X	CV355-10X
Available	Now	Now	Now	Now	Now	Now
Number of Pixels	8.57 million	8.5 million	8.57 million	8.57 million	2.16 million	2.16 million
Sensor Size	1/2.5"	1/2.5"	1/2.5"	1/2.5"	1/2.8"	1/2.8"
Pixel Size	1.62 µm x 1.62 µm	1.62 µm x 1.62 µm	1.62 µm x 1.62 µm	1.62 µm x 1.62 µm	2.9 µm x 2.9 µm	2.9 µm x 2.9 µm
Sensor Type	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling
Lens Mount Type	27x optical zoom	25x optical zoom	27x optical zoom	27x optical zoom	10x optical zoom	10x optical zoom
Highest Resolution	Up to 3840 x 2160 (UHD) @ 59.94fps	Up to 1920x1080p (FHD) @59.94fps	Up to 1920x1080p (FHD) @60fps	Up to 1920x1080p (FHD) @60fps	Up to 1920x1080p (FHD) @ 60fps	Up to 1920x1080p (FHD) @ 60fps
Audio embedding	✓	✓	✓	✓	✓	✓
Audio spec	Mic/Line 3.5mm Jack	Mic/Line 3.5mm Jack	Mic/Line 3.5mm Jack	Mic/Line 3.5mm Jack	Mic/Line (1.7V bias) TRS stereo 48kHz	Mic/Line (1.7V bias) TRS stereo 48kHz
Optical Zoom factor	27x	25x	27x	27x	10x	10x
Digital Zoom factor	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
Color Ratio	SDI: YCbCr 4:2:2,10bit HDMI: YUV422, 8bit	SDI: YCbCr 4:2:2,10bit HDMI: YUV422, 8bit	SDI: YCbCr 4:2:2,10bit HDMI: YUV422, 8bit	SDI: YCbCr 4:2:2,10bit HDMI: YUV422, 8bit	SDI: YCbCr 4:2:2,10bit HDMI: RGB444, 8bit	SDI: YCbCr 4:2:2,10bit HDMI: RGB444, 8bit
Color Matrix Adjust					✓	✓
AOV wide open	60°	68°	60°	60°	60°	60°
Interchangeable Lens						
Min. Object Distance	1.5m	1.5m	1.5m	1.5m	900mm (supports 49mm close-up lens for M.O.D shorter than 900mm)	900mm
Min Illumination	0.1 lux (F1.6)	1.0 Lux (F1.6)	0.1 lux (F1.6)	0.1 lux (F1.6)	0.1Lux(Day), 0.01Lux(Night)	0.1Lux(Day), 0.01Lux(Night)
Captures IR wavelenghts	✓	✓	✓	✓	✓	✓
Remote adjust & match	✓	✓	✓	✓	✓	✓
Visca over RS485					✓	✓
Compatible Camera Control	VS-PTC-200, VS-PTC-300, OBS plugins	VS-PTC-200, VS-PTC-300, OBS plugins	VS-PTC-200, VS-PTC-300, OBS plugins	VS-PTC-200, VS-PTC-300, OBS plugins	RCP-PLUS	RCP-PLUS
Camera Control Software	✓	✓	✓	✓	✓	✓
Visca over IP	✓	✓	✓	✓		
Web browser software GUI	✓	✓	✓	✓		
PoE (Power over Ethernet)	✓	✓	✓	✓		
Power Consumption (max)	PoE: 19W, DC: 17W	PoE:10.5W, DC:9.5W	PoE:10.5W, DC:9W	PoE: 15W, DC:13W	3.72W	3.72W
Genlock Signal Sync						
Interlaced Resolution	✓	✓	✓	✓	✓	✓
Software Control	✓	✓	✓	✓	✓	✓
True-4K						
UHD	✓					
Full-HD	✓	✓	✓	✓	✓	✓
3GSDI	✓	✓	✓	✓	✓	✓
HDMI	✓	✓	✓	✓	✓	✓
IP (HEVC)	✓	✓	✓	✓		
IP protocols	RTSP + RTMP +RTMPS + MPEG-TS +SRT + Dante AV-H	RTSP + RTMP +RTMPS + MPEG-TS + SRT + NDI(HX2)	RTSP + RTMP +RTMPS + MPEG-TS + SRT + NDI(HX2/HX3)	RTSP + RTMP + RTMPS + MPEG-TS + SRT + Dante AV-H		
Havision SRT	✓	✓	✓	✓		
NDI HX3			✓			
NDI HX2		✓	✓			