

CP / SE / FA

		Freerun	Software Trigger	Hardware Trigger	Denoisier	Long Exposure	Line Scan	Line Scan Highspeed	Flashing	PWM Flashing	Auto Exposure	Auto Gain	Auto Whitebalance	Color Correction	Gamma	LUT	Mirroring	PixelFormats <sup>1)</sup>	Region of Interest	Decimation (H x V)	Binning (H x V)	IP Settings	Bandwidth Management	Chunks	Sequencer	PTP	Firmware Update	1st supported Firmware	
GV-504x CP/SE/FA	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, Mono10p, Mono12p, Mono10, Mono12	✓	2-8 x 2-8	2 x 2	✓	✓	✓	✓	✓	✓	1.5	
	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	2-8 x 2-8	-	✓	✓	✓	✓	✓	✓	1.5	
GV-508x CP	P	✓	✓	✓	✓	-	-	-	✓	✓	-	-	-	-	-	-	X/Y	Mono8, Mono10, Mono10p, Mono12, Mono12p, RGB8	✓	2-8 x 2-8	-	✓	✓	✓	✓	✓	✓	2.2	
GV-520x SE/FA	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, Mono10p, Mono12p, Mono10, Mono12	✓	2-8 x 2-8	2 x 2	✓	✓	✓	✓	✓	✓	1.4	
	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12	✓	2-8 x 2-8	-	✓	✓	✓	✓	✓	✓	1.4	
GV-524x CP/SE/FA	M	✓	✓	✓	✓	-	✓	✓	✓ <sup>2)</sup>	✓ <sup>2)</sup>	✓	✓	-	-	✓	✓	-	Mono8, Mono10p, Mono10,	✓	2-8 x 2-8	2 x 2	✓	✓	-	-	✓	✓	1.3	
	C	✓	✓	✓	✓	-	✓	✓	✓ <sup>2)</sup>	✓ <sup>2)</sup>	✓	✓	✓	✓	✓	✓	-	Mono8, BayerRG8, BayerRG10p, BayerRG10, RGB8, BGR8, RGB10p32, BGR10p32	✓	2-8 x 2-8	2 x 2	✓	✓	-	-	✓	✓	1.3	
GV-525x CP/SE/FA	M	✓	✓	✓	✓	-	✓	✓	✓ <sup>2)</sup>	✓ <sup>2)</sup>	✓	✓	-	-	✓	✓	-	Mono8, Mono10p, Mono10	✓	2-8 x 2-8	2 x 2	✓	✓	-	-	✓	✓	1.3	
	C	✓	✓	✓	✓	-	✓	✓	✓ <sup>2)</sup>	✓ <sup>2)</sup>	✓	✓	✓	✓	✓	✓	-	Mono8, BayerRG8, BayerRG10p, BayerRG10, RGB8, BGR8, RGB10p32, BGR10p32	✓	2-8 x 2-8	2 x 2	✓	✓	-	-	✓	✓	1.3	
GV-526x CP/SE/FA	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, Mono10p, Mono12p, Mono10, Mono12	✓	2-8 x 2-8	-	✓	✓	✓	✓	✓	✓	1.2	
	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	2-8 x 2-8	-	✓	✓	✓	✓	✓	✓	1.2	
GV-527x CP/SE/FA	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, Mono10p, Mono12p, Mono10, Mono12	✓	2-8 x 2-8	1 x 2	✓	✓	✓	✓	✓	✓	1.0	
	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	2-8 x 2-8	-	✓	✓	✓	✓	✓	✓	1.0	
GV-528x CP/SE/FA	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, Mono10p, Mono12p, Mono10, Mono12	✓	2-8 x 2-8	1 x 2	✓	✓	✓	✓	✓	✓	1.0	
	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	2-8 x 2-8	-	✓	✓	✓	✓	✓	✓	1.0	
GV-529x SE/FA	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, Mono10p, Mono12p, Mono10, Mono12	✓	2-8 x 2-8	2 x 2	✓	✓	✓	✓	✓	✓	1.4	
	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	2-8 x 2-8	-	✓	✓	✓	✓	✓	✓	1.4	
GV-548x CP/SE/FA	M	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	-	Mono8, Mono10p, Mono12p, Mono10, Mono12	✓	2-8 x 2-8	-	✓	✓	-	-	✓	✓	1.3	
GV-558x CP/SE/FA	C	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	-	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	2-8 x 2-8	2,4 x 2,4	✓	✓	-	-	✓	✓	1.3	
GV-580x SE	M	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	Y	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	2-8 x 2-8	-	✓	✓	✓	✓	-	✓	✓	2.4
	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	Y	BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12	✓	2-8 x 2-8	2 x 2 <sup>2)</sup>	✓	✓	✓	✓	-	✓	✓	2.4
GV-586x CP/SE/FA	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, Mono10p, Mono12p, Mono10, Mono12	✓	2-8 x 2-8	-	✓	✓	-	-	✓	✓	1.3	
	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	2-8 x 2-8	-	✓	✓	-	-	✓	✓	1.3	
GV-588x CP/SE/FA	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, Mono10p, Mono12p, Mono10, Mono12	✓	2-8 x 2-8	-	✓	✓	-	-	✓	✓	1.1	
	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	2-8 x 2-8	2 x 2 <sup>2)</sup>	✓	✓	-	-	✓	✓	1.1	
GV-589x CP/SE/FA	M	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	Y	Mono8, Mono10p, Mono12p, Mono10, Mono12	✓	2-8 x 2-8	-	✓	✓	-	-	✓	✓	1.9	
	C	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	Y	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	2-8 x 2-8	2 x 2 <sup>2,3)</sup>	✓	✓	-	-	✓	✓	1.9	

<sup>1)</sup> PixelFormats for area scan mode (UserSet "Default"). For color cameras, the PixelFormats Mono8, RGB8, BGR8 and RGB10p32 are debayered formats.

<sup>2)</sup> Only combined horizontal and vertical binning.

<sup>3)</sup> Vertical height is restricted during binning.

ACP		Freerun	Software Trigger	Hardware Trigger	Denoiser	Long Exposure	Line Scan	Line Scan Highspeed	Flashing	PWM Flashing	Auto Exposure	Auto Gain	Auto Whitebalance	Color Correction	Gamma	LUT	Mirroring	PixelFormats <sup>1)</sup>	Region of Interest	Decimation (H x V)	Binning (H x V)	IP Settings	Bandwidth Management	Chunks	Sequencer	PTP	Firmware Update	1st supported Firmware
GV-504x ACP	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, Mono10p, Mono12p, Mono10, Mono12	✓	2-8 x 2-8	2 x 2	✓	✓	✓	✓	✓	✓	2.2
	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	2-8 x 2-8	-	✓	✓	✓	✓	✓	✓	2.2
GV-508x ACP	P	✓	✓	✓	✓	-	-	-	✓	✓	-	-	-	-	-	-	X/Y	Mono8, Mono10, Mono10p, Mono12, Mono12p, RGB8	✓	2-8 x 2-8	-	✓	✓	✓	✓	✓	✓	2.2
GV-526x ACP	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, Mono10p, Mono12p, Mono10, Mono12	✓	2-8 x 2-8	-	✓	✓	✓	✓	✓	✓	2.2
	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	2-8 x 2-8	-	✓	✓	✓	✓	✓	✓	2.2
GV-527x ACP	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, Mono10p, Mono12p, Mono10, Mono12	✓	2-8 x 2-8	1 x 2	✓	✓	✓	✓	✓	✓	2.2
	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	2-8 x 2-8	-	✓	✓	✓	✓	✓	✓	2.2
GV-528x ACP	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, Mono10p, Mono12p, Mono10, Mono12	✓	2-8 x 2-8	1 x 2	✓	✓	✓	✓	✓	✓	2.2
	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	2-8 x 2-8	-	✓	✓	✓	✓	✓	✓	2.2
GV-586x ACP	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, Mono10p, Mono12p, Mono10, Mono12	✓	2-8 x 2-8	-	✓	✓	-	-	✓	✓	2.2
	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	2-8 x 2-8	-	✓	✓	-	-	✓	✓	2.2
GV-588x ACP	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, Mono10p, Mono12p, Mono10, Mono12	✓	2-8 x 2-8	-	✓	✓	-	-	✓	✓	2.2
	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	X/Y	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	2-8 x 2-8	2 x 2 <sup>2)</sup>	✓	✓	-	-	✓	✓	2.2
GV-589x ACP	M	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	Y	Mono8, Mono10p, Mono12p, Mono10, Mono12	✓	2-8 x 2-8	-	✓	✓	-	-	✓	✓	2.2
	C	✓	✓	✓	✓	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	Y	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	2-8 x 2-8	2 x 2 <sup>2,3)</sup>	✓	✓	-	-	✓	✓	2.2

<sup>1)</sup> PixelFormats for area scan mode (UserSet "Default"). For color cameras, the PixelFormats Mono8, RGB8, BGR8 and RGB10p32 are debayered formats.

<sup>2)</sup> Flashing (on ExposureActive) only available in trigger mode.

<sup>3)</sup> Vertical height is restricted during binning.