

CP / SE		Image Acquisition										Image Adjustments										On-board Image Processing											
		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	PixelFormats ¹⁾										Region of Interest	Decimation	Binning	Chunks	Sequencer	Firmware Update	1st supported Firmware
U3-300x CP/SE	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.0							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.0							
U3-304x CP/SE	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.0							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.0							
U3-306x CP/SE	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.0							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.0							
U3-307x CP/SE	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.0							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.0							
U3-308x CP/SE	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.0							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.0							
U3-308x CP	P	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.2							
U3-309x CP/SE	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.1							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.1							
U3-320x CP/SE	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.1							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.1							
U3-326x CP/SE	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.0							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.0							
U3-327x CP/SE	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.0							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.0							
U3-328x CP/SE	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.0							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.0							
U3-329x CP/SE	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.1							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	-	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.1							
U3-380x CP	M	✓	✓	✓	✓	-	✓	-	✓ ²⁾	✓ ²⁾	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	-	✓	✓	✓	2.1							
	C	✓	✓	✓	✓	-	✓	-	✓ ²⁾	✓ ²⁾	✓	✓	-	✓	✓	✓	BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12	✓	✓	-	✓	-	✓	✓	✓	2.1							
U3-386x CP/SE	M	✓	✓	✓	✓	-	✓	-	✓ ²⁾	✓ ²⁾	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	-	✓	✓	✓	2.0							
	C	✓	✓	✓	✓	-	✓	-	✓ ²⁾	✓ ²⁾	✓	✓	-	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	-	✓	✓	✓	2.0							
U3-388x CP/SE	M	✓	✓	✓	✓	-	✓	-	✓ ²⁾	✓ ²⁾	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	-	✓	✓	✓	2.0							
	C	✓	✓	✓	✓	-	✓	-	✓ ²⁾	✓ ²⁾	✓	✓	-	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	-	✓	✓	✓	2.0							
U3-3890 CP	M	✓	✓	✓	✓	-	✓	-	✓ ²⁾	✓ ²⁾	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	-	✓	✓	✓	2.0							
	C	✓	✓	✓	✓	-	✓	-	✓ ²⁾	✓ ²⁾	✓	✓	-	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	-	✓	✓	✓	2.0							

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

²⁾ Flashing (on ExposureActive) only available in trigger mode.

ACP		Image Acquisition										Image Adjustments										On-board Image Processing											
		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	PixelFormats ¹⁾										Region of Interest	Decimation	Binning	Chunks	Sequencer	Firmware Update	1st supported Firmware
U3-300x ACP	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.2							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.2							
U3-304x ACP	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.2							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.2							
U3-306x ACP	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.2							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.2							
U3-307x ACP	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.2							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.2							
U3-308x ACP	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.2							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.2							
U3-309x ACP	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.2							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.2							
U3-320x ACP	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.2							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.2							
U3-326x ACP	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.2							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.2							
U3-327x ACP	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.2							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.2							
U3-328x ACP	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.2							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.2							
U3-329x ACP	M	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	✓	✓	✓	✓	2.2							
	C	✓	✓	✓	✓	-	✓	-	✓	✓	✓	✓	✓	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	✓	✓	✓	✓	2.2							
U3-380x ACP	M	✓	✓	✓	✓	-	-	-	✓ ²⁾	✓ ²⁾	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	-	✓	✓	✓	2.2							
	C	✓	✓	✓	✓	-	-	-	✓ ²⁾	✓ ²⁾	✓	✓	-	✓	✓	✓	BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12	✓	✓	-	✓	-	✓	✓	✓	2.2							
U3-386x ACP	M	✓	✓	✓	✓	-	✓	-	✓ ²⁾	✓ ²⁾	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	-	✓	✓	✓	2.2							
	C	✓	✓	✓	✓	-	✓	-	✓ ²⁾	✓ ²⁾	✓	✓	-	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	-	✓	✓	✓	2.2							
U3-388x ACP	M	✓	✓	✓	✓	-	✓	-	✓ ²⁾	✓ ²⁾	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	-	✓	✓	✓	2.2							
	C	✓	✓	✓	✓	-	✓	-	✓ ²⁾	✓ ²⁾	✓	✓	-	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	-	✓	✓	✓	2.2							
U3-3890 ACP	M	✓	✓	✓	✓	-	-	-	✓ ²⁾	✓ ²⁾	✓	✓	-	✓	✓	✓	Mono8, Mono10, Mono10p, Mono12, Mono12p	✓	✓	-	✓	-	✓	✓	✓	2.2							
	C	✓	✓	✓	✓	-	-	-	✓ ²⁾	✓ ²⁾	✓	✓	-	✓	✓	✓	Mono8, BayerRG8, BayerRG10p, BayerRG12p, BayerRG10, BayerRG12, RGB8, BGR8, RGB10p32, BGR10p32	✓	✓	-	✓	-	✓	✓	✓	2.2							

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

²⁾ Flashing (on ExposureActive) only available in trigger mode.