

Runix

Preliminary

Large area scan camera for high-speed imaging

Runix is engineered for high-speed imaging in demanding industrial and scientific applications. Featuring a next-gen global shutter BSI sensor from the Sony Pregius S family it stands for high sensitivity and low noise image performance while achieving high frame rates. Combined with high resolutions, beyond 50MPx, it is an ideal solution for high-speed inspection applications in the semiconductor and FPD industry as well as process monitoring, motion analysis, and scientific imaging.



Under development

This product is under development. Engineering samples are available from 2026.Q3. The product specification in this datasheet is preliminary and might change.

Specification	SX12	SX24	MX50	MX68	MX105	MX12	MX26
Sensor	IMX926	IMX925	IMX929	IMX928	IMX927	IMX949	IMX947
Resolution	4,128 x 3,008	5,328 x 4,608	8,224 x 6,176	8,256 x 8,256	10,272 x 10,272	4,112 x 3,088	5,136 x 5,136
Frame Rate (8bpp)	660	442	225	138	112	811	423
Interface	CLHS or GigE3.0 Optical Fiber via 1xQSFP28	CLHS or GigE3.0 Optical Fiber via 1xQSFP28	CLHS or GigE3.0 Optical Fiber via 1xQSFP28	CLHS or GigE3.0 Optical Fiber via 1xQSFP28	CLHS or GigE3.0 Optical Fiber via 1xQSFP28	CLHS or GigE3.0 Optical Fiber via 1xQSFP28	CLHS or GigE3.0 Optical Fiber via 1xQSFP28
Pixel Size	2.74µm	2.74µm	2.74µm	2.74µm	2.74µm	5.48µm	5.48µm
Optical Diagonal	14.0	19.3	28.2	32.0	39.8	28.2	39.8
Pixel format	8/10/12b	8/10/12b	8/10/12b	8/10/12b	8/10/12b	8/10/12b	8/10/12b
ROI Read-out	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Dimensions	60 x 60 x 100	60 x 60 x 100	75 x 75 x 100	75 x 75 x 100	75 x 75 x 100	75 x 75 x 100	75 x 75 x 100
Mass	TBD	TBD	TBD	TBD	TBD	TBD	TBD
Lens Mount	C-mount or TFL mount	C-mount or TFL mount	M58, TFL mount or TFL-II mount	M58, TFL mount or TFL-II mount	M58, TFL mount or TFL-II mount	M58, TFL mount or TFL-II mount	M58, TFL mount or TFL-II mount
Power	12-24V DC, <30W	12-24V DC, <30W	12-24V DC, <30W	12-24V DC, <30W	12-24V DC, <30W	12-24V DC, <30W	12-24V DC, <30W

Product features

- Global Shutter Sony Pregius S BSI sensors
- Unique high frame rate imaging through single frame grabber operations
- Optical interface supporting reliable data transfer over long distances
- End-to-End solution including GenICam compliant frame grabber card

Mechanical dimensions (mm)

