

Precise inspection at high throughput.

Fast, high-resolution cameras.

LX series cameras are based on modern-day CMOS sensors with Global Shutter. They master complex inspection tasks with demanding requirements on detailed image acquisition and throughput. Their superb performance is owed to high sensitivity, excellent image quality and up to 48 megapixel resolution.

The GigE camera models feature Burst Mode to capture image sequences or selected regions of the image (ROI) at very high speed. Where using cameras with Dual GigE twice the frame rate for increased throughput is provided. For improved system stability, the Camera Link® models offer additional features, such as status information and checksum calculation.

Camera Link® with up to 800 MB/s and easy system integration using GenICam™

Multi ROI and Multi I/O as well as PoE / PoCL for ultimate flexibility



Flexible lens mount M58, M42, F-mount or C-mount

Single or Dual GigE with 240 MB/s high frame rates and easy integration

LX series

- Up to 48 megapixel and 337 fps
- CMOS sensors
- Outstanding sensitivity
- HDR extended dynamic range



Camera Type	Variants			Sensor Type	Sensor	Shutter	Resolution [px]	Pixel Size [µm]	Full Frames [fps]	
	Mono	Color	NIR ¹⁾						GigE Vision® ²⁾	Camera Link®
LXG-20 / LXC-20	•	•	•	2/3" CMOS	CMV2000	Global	2048 × 1088	5.5 × 5.5	337 111	337
LXG-40 / LXC-40	•	•	•	1" CMOS	CMV4000	Global	2048 × 2048	5.5 × 5.5	180 59	180
LXG-80	•	•		4/3" CMOS	CMV8000	Global	3360 × 2496	5.5 × 5.5	61 29	–
LXG-120 / LXC-120	•	•		APS-C CMOS	CMV12000	Global	4096 × 3072	5.5 × 5.5	50 19	63
LXG-200 / LXC-200	•	•		35 mm CMOS	CMV20000	Global	5120 × 3840	6.4 × 6.4	32 12	32
LXG-250 / LXC-250	•	•		APS-H CMOS	PYTHON 25K	Global	5120 × 5120	4.5 × 4.5	32 9	32
LXG-500 / LXC-500	•			35 mm CMOS	CMV50000	Global	7920 × 6004	4.6 × 4.6	15 5	15

¹⁾ only LXG cameras ²⁾ Burst Mode (image acquisition in the camera's internal memory) | interface (Dual GigE)