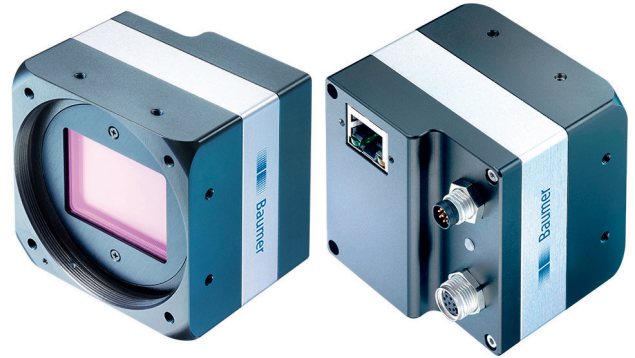


**overview**

- 5120 × 5120 px
- ON Semiconductor PYTHON 25K
- APS-H CMOS
- 10 fps
- Gigabit Ethernet
- available



**technical data**

sensor information		camera features	
sensor	ON Semiconductor PYTHON 25K	sequencer	Automated control for series of images using different sets of parameters
resolution	5120 × 5120 px	sequencer parameter	exposure time gain factor output ROI Offset x ROI Offset y
exposure time	0,0029 ... 1000 ms	digital inputs	1 input line
pixel size	4.5 × 4.5 µm	digital outputs	3 output lines
shutter type	Global shutter	internal image buffer	512 MB
sensor type	APS-H CMOS	interfaces and connectors	
acquisition formats		data interface	Gigabit Ethernet, Transfer rate 1000 Mb/s, Connector: 8P8C Modular Jack (RJ45), screwable type
image formats, interface frame rate max.	Full Frame, 5120 × 5120 px, max. 4 fps	process interface	M8 / 8 pins (2x)
image formats, acquisition frame rate max. (Burst Mode)	Full Frame, 5120 × 5120 px, max. 10 fps	power supply	M8 / 8 pins
pixel formats	Mono8 Mono10 Mono10 Packed	mechanical data	
image preprocessing		lens mount	M58-mount (F-mount, M42, C-mount via adapter)
analog controls	Gain (0 ... 23,5 dB) Offset (0 ... 63 LSB 10 Bit)	width	60 mm
color models	Mono	height	60 mm
image processing	JPEG	depth	56,32 mm
camera features		weight	≤ 320 g (M58-mount)
synchronization	free running trigger	material	housing: aluminum
trigger sources	Hardware software ActionCommand	electrical data	
trigger delay	0 ... 2 sec, tracking and buffering of up to 256 trigger signals	voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)

## LXG-250M.JP

Gigabit Ethernet, 25 Megapixel, Monochrome

Article number: 11203088

### technical data

#### electrical data

power consumption	approx. 7,7 W @ 24 VDC (sequential readout)
	approx. 8,7 W @ 48 VDC (PoE, sequential readout)

#### non-volatile memory

flash memory size	128 kB
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#### environmental conditions

operating temperature	+5 ... +60 °C @ T = measurement point
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

#### conformity

conformity	RoHS
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