

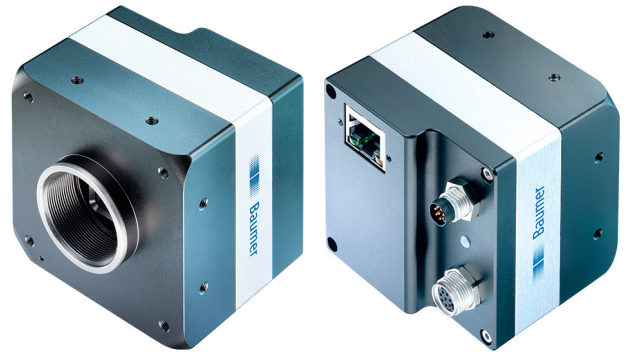
LXG-40M.P

Gigabit Ethernet, 4 Megapixel, Monochrome

Article number: 11155099

Overview

- 2048 × 2048 px
- ams (CMOSIS) CMV4000 V3
- 1" CMOS
- 74 fps
- Gigabit Ethernet



GEN<i>i>CAM



Technical data

Sensor information

Sensor	ams (CMOSIS) CMV4000 V3
Mono/Color	Mono
Sensor type	1" CMOS
Shutter type	Global shutter
Resolution	2048 × 2048 px
Pixel size	5.5 × 5.5 µm
Exposure time	0.04 ... 1000 ms

Acquisition formats

Image formats, interface frame rate max.	Full Frame, 2048 × 2048 px, max. 29 fps
Image formats, acquisition frame rate max. (Burst Mode)	Full Frame, 2048 × 2048 px, max. 74 fps
Pixel formats	Mono8 Mono10

Image preprocessing

Analog controls	Gain (0 ... 12 dB) Offset (0 ... 63 LSB 10 Bit)
Color models	Mono
Image processing	VisualApplets 2.x

Camera features

Synchronization	free running trigger
Trigger sources	Hardware Software ActionCommand

Camera features

Trigger delay	0 ... 2 sec, tracking and buffering of up to 512 trigger signals
Sequencer	Automated control for series of images using different sets of parameters
Sequencer parameter	Exposure time gain factor ROI Offset x ROI Offset y
Digital inputs	1 input line
Digital outputs	3 output lines
Internal image buffer	512 MB

Interfaces and connectors

Data interface	Gigabit Ethernet, Transfer rate 1000 Mb/s/sec, Connector: 8P8C Modular Jack (RJ45), screwable type
Process interface	M8 / 8 pins (2x)
Power supply	via M8 / 8 pins

Mechanical data

Lens mount	C-mount
Width	60 mm
Height	60 mm
Depth	52.4 mm
Weight	≤ 340 g
Material	housing: aluminum

Electrical data

Voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
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Power consumption	approx. 6,2 W @ 24 VDC
	approx. 5,9 W @ 48 VDC (PoE)

Non-volatile memory

Flash memory size	128 kB
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Environmental conditions

Operating temperature	+5 ... +50 °C
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Environmental conditions

Humidity	10 ... 90 % (non-condensing)
Protection class	IP 40

Conformity

Conformity	CE
	RoHS
	EAC

Dimension drawing

