

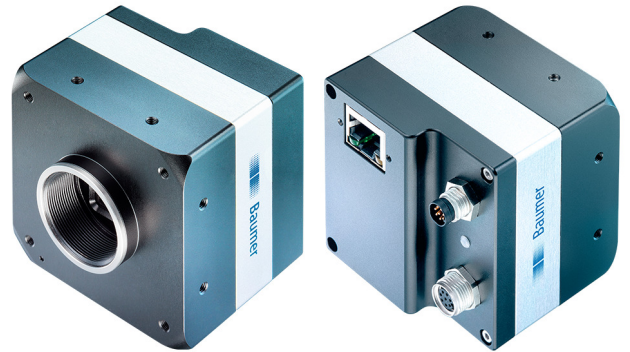
# LXG-40M.P

Gigabit Ethernet, 4 Megapixel, Monochrome

Article number: 11155099

## Overview

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



GEN<i>i>CAM



## Technical data

### Sensor information

Sensor	ams (CMOSIS) CMV4000 V3
Resolution	2048 × 2048 px
Exposure time	0,04 ... 1000 ms
Pixel size	5.5 × 5.5 µm
Shutter type	Global shutter
Sensor type	1" CMOS

### Acquisition formats

Image formats, interface	Full Frame, 2048 × 2048 px, max. 29 fps frame rate max.
Image formats, acquisition	Full Frame, 2048 × 2048 px, max. 74 fps frame rate max. (Burst Mode)
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
Trigger delay	0 ... 2 sec, tracking and buffering of up to 512 trigger signals

### Camera features

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 Mbits/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)
Power consumption	approx. 6,2 W @ 24 VDC approx. 5,9 W @ 48 VDC (PoE)

# LXG-40M.P

Gigabit Ethernet, 4 Megapixel, Monochrome

Article number: 11155099

## Technical data

### Non-volatile memory

Flash memory size 128 kB

### Environmental conditions

Operating temperature +5 ... +50 °C

Humidity 10 ... 90 % (non-condensing)

### Environmental conditions

Protection class IP 40

### Conformity

Conformity CE  
RoHS  
EAC

## Dimension drawing

