

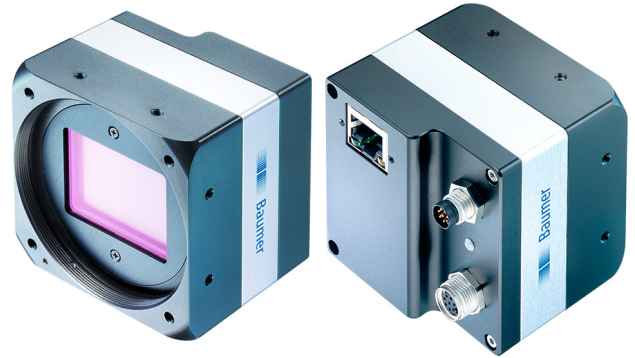
## LXG-120M.P

Gigabit Ethernet, 12 Megapixel, Monochrome

Article number: 11155110

### Overview

- 4096 × 3072 px
- ams (CMOSIS) CMV12000
- APS-C CMOS
- 25 fps
- Gigabit Ethernet
- Phase-Out starting 08/20, alternative via sales



GEN<i>i>CAM



### Technical data

#### Sensor information

Sensor	ams (CMOSIS) CMV12000
Resolution	4096 × 3072 px
Exposure time	0,06 ... 1000 ms
Pixel size	5.5 × 5.5 µm
Shutter type	Global shutter
Sensor type	APS-C CMOS

#### Acquisition formats

Image formats, interface	Full Frame, 4096 × 3072 px, max. 9 fps frame rate max.
Image formats, acquisition	Full Frame, 4096 × 3072 px, max. 25 fps frame rate max. (Burst Mode)
Pixel formats	Mono8 Mono12

#### Image preprocessing

Analog controls	Gain (0 ... 12 dB) Offset (0 ... 255 LSB 12 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	M58-mount (F-mount, M42, C-mount via adapter)
Width	60 mm
Height	60 mm
Depth	54,25 mm
Weight	≤ 290 g (M58-mount)
Material	housing: aluminum

#### Electrical data

Voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
--------------------------	--

# LXG-120M.P

Gigabit Ethernet, 12 Megapixel, Monochrome

Article number: 11155110

## Technical data

### Electrical data

Power consumption approx. 7,0 W @ 24 VDC  
approx. 7,4 W @ 48 VDC (PoE)

### Non-volatile memory

Flash memory size 128 kB

### Environmental conditions

Operating temperature +5 ... +50 °C

### Environmental conditions

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

Protection class IP 40

### Conformity

Conformity CE  
RoHS  
EAC

## Dimension drawing

