

**overview**

- 7920 × 6004 px
- ams (CMOSIS) CMV50000
- 35 mm CMOS
- 5 fps
- Dual Gigabit Ethernet
- available



**technical data**

sensor information		camera features	
sensor	ams (CMOSIS) CMV50000	trigger sources	Hardware software ActionCommand
resolution	7920 × 6004 px	trigger delay	0 ... 2 sec, tracking and buffering of up to 256 trigger signals
exposure time	0,1 ... 1000 ms	sequencer	Automated control for series of images using different sets of parameters
pixel size	4.6 × 4.6 µm	sequencer parameter	exposure time gain factor output ROI Offset x ROI Offset y
shutter type	Global shutter	digital inputs	1 input line
sensor type	35 mm CMOS	digital outputs	3 output lines
acquisition formats		internal image buffer	512 MB
image formats, interface	Full Frame, 7920 × 6004 px, max. 5 fps Binning 2×2, 3960 × 3002 px, max. 15 fps Binning 1×2, 7920 × 3002 px, max. 10 fps Binning 2×1, 3960 × 6004 px, max. 10 fps	interfaces and connectors	
frame rate max.		data interface	Dual Gigabit Ethernet, Transfer rate 2000 Mb/s, Connector: 2 x 8P8C Modular Jack (RJ45), screwable type
image formats, acquisition		Full Frame, 7920 × 6004 px, max. 15 fps	process interface
frame rate max. (Burst Mode)		power supply	M8 / 8 pins
pixel formats	Mono8 Mono12 Mono12 Packed	mechanical data	
image preprocessing		lens mount	M58-mount (F-mount, M42, C-mount via adapter)
analog controls	Gain (0 ... 18 dB) Offset (0 ... 255 LSB 12 Bit)	width	60 mm
color models	Mono	height	60 mm
camera features		depth	56,32 mm
synchronization	free running trigger		

# LXG-500M

Dual GigE, 48 Megapixel, Monochrome

Article number: 11188977

## technical data

### mechanical data

weight	≤ 320 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)
power consumption	approx. 10 W @ 24 VDC (sequential readout) approx. 12 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	CE KC (R-REI-BkR-LXG-500M) RoHS EAC
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## dimension drawing

