



**GIGAVISION** GEN*<i>*CAM



### sensor information

sensor	ams (CMOSIS) CMV12000
type	APS-C progressive scan CMOS, global shutter
resolution	4096 × 3072 px
exposure time	0,02 ... 1000 ms
pixel size	5.5 × 5.5 µm

### acquisition formats

image formats, frame rate max.	Full Frame, 4096 × 3072 px, max. 60,0 fps
pixel formats	Mono8 Mono10

### image preprocessing

analog controls	Gain (0 ... 12 dB) Offset (0 ... 63 LSB 10 Bit)
color models	Mono
image preprocessing	3D Laser Triangulation based on VisualApplets

### 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	M8 / 8 pins

### mechanical data

material	housing: aluminum
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)

### electrical data

voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
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### electrical data

power consumption	approx. 7,3 W @ 24 VDC approx. 8,4 W @ 48 VDC (PoE)
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### non-volatile memory

flash memory size	1024 Mbit
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### environmental conditions

operating temperature	+5 ... +50 °C
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

### conformity

conformity	CE RoHS
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# LXG-120M.3D

Gigabit Ethernet, 12 Megapixel, Monochrome

Article number: 11174308

## dimension drawing

