



**GiGE**  
VISION **GEN<i>i>CAM**



#### sensor information

sensor	ams (CMOSIS) CMV2000 V3
resolution	2048 × 1088 px
exposure time	0,03 ... 1000 ms
pixel size	5.5 × 5.5 μm
shutter type	Global shutter
sensor type	2/3" CMOS

#### acquisition formats

image formats, interface frame rate max.	Full Frame, 2048 × 1088 px, max. 56 fps
image formats, acquisition frame rate max. (Burst Mode)	Full Frame, 2048 × 1088 px, max. 338 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 3.x

#### 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	M8 / 8 pins

#### mechanical data

lens mount	C-mount
width	60 mm
height	60 mm
depth	54,25 mm
weight	≤ 340 g

#### mechanical data

material	housing: aluminum
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#### electrical data

voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
power consumption	approx. 5,8 W @ 24 VDC approx. 6,7 W @ 48 VDC (PoE)

#### non-volatile memory

flash memory size	128 kB
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#### environmental conditions

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

#### conformity

conformity	CE RoHS EAC
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# LXG-20M.PS

Gigabit Ethernet, 2 Megapixel, Monochrome

Article number: 11174305

## dimension drawing

