



GIG VISION **GEN<i>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	VisualApplets 3.x

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.PS

Gigabit Ethernet, 12 Megapixel, Monochrome

Article number: 11174307

dimension drawing

