



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



**sensor information**

sensor	Sony IMX250
resolution	2448 × 2048 px
exposure time	0,001 ... 60000 ms
pixel size	3.45 × 3.45 μm
shutter type	Global shutter
sensor type	2/3" CMOS

**acquisition formats**

image formats, interface	Full Frame, 2448 × 2048 px, max. 163 fps
frame rate max.	Binning 2×2, 1224 × 1024 px, max. 163 fps Binning 2×1, 1224 × 2048 px, max. 163 fps Binning 1×2, 2448 × 1024 px, max. 163 fps
image formats, acquisition	Full Frame, 2448 × 2048 px, max. 163 fps
frame rate max. (Burst Mode)	
pixel formats	Mono8 Mono10 Mono12 Mono12 Packed

**image preprocessing**

analog controls	Gain (0 ... 48 dB) Offset (0 ... 255 LSB 12 Bit)
color models	Mono

**interfaces and connectors**

data interface	10 Gigabit Ethernet, Transfer rate 10000 Mbits/sec, Gigabit Ethernet, Transfer rate 1000 Mbits/sec, Fast Ethernet, Transfer rate 100 Mbits/sec, Connector: M12 / 8-pol x-coded (SACC-CI-M12FS-8CON-L180-10G)
process interface	M12 / 12 pins a-coded (SACC-CI-M12MS-12CON-L180)
power supply	via M12/12 pins a-coded

**mechanical data**

lens mount	C-mount
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**mechanical data**

width	60 mm
height	60 mm
depth	99,7 mm
weight	≤ 485 g
material	aluminum

**electrical data**

voltage supply range +Vs	12 ... 24 V DC (external power supply)
power consumption	approx. 10,1 W @ 12 VDC and 163 fps

**non-volatile memory**

flash memory size	128 kB
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**environmental conditions**

operating temperature	0 ... +65 ° @ T = measurement point
humidity	10 ... 90 % (non-condensing)
protection class	IP 40 IP 54 (with mounted tube and cable) IP 65 (with mounted tube and cable) IP 67 (with mounted tube and cable)

**digital I/Os**

lines	2 input lines 4 output lines with pulse width modulation (PWM) (max. 48 V / max. 2,5 A) RS232
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**conformity**

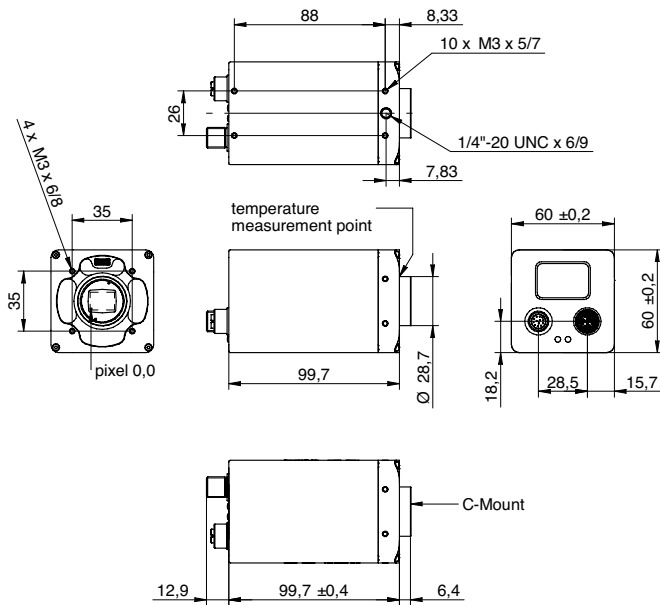
conformity	CE RoHS
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# VLXT-50M.I

Gigabit Ethernet, 5,0 Megapixel, Monochrome

Article number: 11192927

## dimension drawing



## schematic diagram

Optional accessories for protection class IP65/67:

