



GIG VISION **GEN<i>i</i>CAM**



sensor information

sensor	Sony IMX273
resolution	1440 × 1080 px
exposure time	0,001 ... 60000 ms
pixel size	3.45 × 3.45 µm
shutter type	Global shutter
sensor type	1/2.9" CMOS

acquisition formats

image formats, interface	Full Frame, 1440 × 1080 px, max. 79 fps
frame rate max.	Binning 2×2, 720 × 540 px, max. 120 fps Binning 2×1, 720 × 1080 px, max. 120 fps Binning 1×2, 720 × 540 px, max. 120 fps

image formats, acquisition	Full Frame, 1440 × 1080 px, max. 121 fps
frame rate max. (Burst Mode)	

pixel formats	BayerRG8 BayerRG10 BayerRG12 BayerRG12 Packed Mono8 Mono10 Mono12 Mono12 Packed RGB8 BGR8
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image preprocessing

color models	Mono Raw Bayer RGB BGR
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interfaces and connectors

data interface	Gigabit Ethernet, Transfer rate 1000 Mbts/sec, Fast Ethernet, Transfer Rate 100 Mbts/sec, Connector: 8P8C Modular Jack (RJ45), screwable type
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interfaces and connectors

process interface	M8 / 8 pins (SACC-DSI-M8MS-8CON-M8-L180)
power supply	M8 / 8 pins or PoE

mechanical data

lens mount	C-mount
width	29 mm
height	29 mm
depth	49 mm
weight	≤ 120 g
material	zinc die casting, nickel-plated, IP 40

electrical data

power consumption	approx. 2,4 W @ 12 VDC and 79 fps approx. 3,0 W @ 48 VDC (PoE) and 79 fps
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non-volatile memory

flash memory size	128 kB
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environmental conditions

operating temperature	+5 ... +65 °C @ T = measurement point
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

digital I/Os

lines	1 input line 1 output line 2 general purpose lines
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VCXG-15C

Gigabit Ethernet, 1,5 Megapixel, Color

Article number: 11182959

dimension drawing

