



GigE
VISION **GEN<i>i>CAM**



sensor information

sensor	Sony IMX174
resolution	1920 × 1200 px
exposure time	0,035 ... 60000 ms
pixel size	5.86 × 5.86 µm
shutter type	Global shutter
sensor type	1/1.2" CMOS

acquisition formats

image formats, interface	Full Frame, 1920 × 1200 px, max. 53 fps
frame rate max.	Binning 2×2, 960 × 600 px, max. 81 fps Binning 2×1, 960 × 1200 px, max. 81 fps Binning 1×2, 1920 × 600 px, max. 81 fps

image formats, acquisition frame rate max. (Burst Mode)	Full Frame, 1920 × 1200 px, max. 81 fps
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pixel formats	Mono8 Mono10 Mono12 Mono12 Packed
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image preprocessing

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

interfaces and connectors

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

mechanical data

depth	49 mm
weight	≤ 120 g
material	zinc die casting, nickel-plated, IP 40

electrical data

voltage supply	12 ... 24 V DC (external power supply)
range +Vs	36 ... 57 V DC (Power over Ethernet)
power consumption	approx. 2,5 W @ 12 VDC and 53,5 fps approx. 2,8 W @ 48 VDC (PoE) and 53,5 fps

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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conformity

conformity	CE RoHS EAC
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VCXG-23M

Gigabit Ethernet, 2,3 Megapixel, Monochrome

Article number: 11165941

dimension drawing

