



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



sensor information

sensor	ON Semiconductor PYTHON2000
resolution	1920 × 1200 px
exposure time	0,02 ... 1000 ms
pixel size	4.8 × 4.8 μm
shutter type	Global shutter
sensor type	2/3" CMOS

acquisition formats

image formats, interface	Full Frame, 1920 × 1200 px, max. 53 fps
frame rate max.	Binning 2×2, 960 × 600 px, max. 59 fps Binning 2×1, 960 × 1200 px, max. 59 fps Binning 1×2, 1920 × 600 px, max. 59 fps
image formats, acquisition	Full Frame, 1920 × 1200 px, max. 59 fps
frame rate max. (Burst Mode)	
pixel formats	BayerRG8 BayerRG10 BayerRG12 BayerRG12 Packed Mono8 Mono10 Mono12 Mono12 Packed RGB8 BGR8

image preprocessing

analog controls	Gain (0 ... 12 dB) Offset (0 ... 63 LSB 10 Bit)
color models	Mono Raw Bayer RGB

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
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. 3,0 W @ 12 VDC und 53,0 fps approx. 3,6 W @ 48 VDC (PoE) und 53,0 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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VCXG-25C

Gigabit Ethernet, 2,3 Megapixel, Color

Article number: 11165828

conformity

conformity CE
RoHS
KC (MISP-REI-BkR-VCXG-53M)
EAC

dimension drawing

