



USB³
VISION **GEN*i*CAM**



sensor information

sensor	Sony IMX265
resolution	2048 × 1536 px
exposure time	0,001 ... 60000 ms
pixel size	3.45 × 3.45 μm
shutter type	Global shutter
sensor type	1/1.8" CMOS

acquisition formats

image formats, interface	Full Frame, 2048 × 1536 px, max. 55 fps
frame rate max.	Binning 2×2, 1024 × 768 px, max. 55 fps Binning 2×1, 1024 × 1536 px, max. 55 fps Binning 1×2, 2048 × 768 px, max. 55 fps
pixel formats	BayerRG8 BayerRG10 BayerRG12 BayerRG12 Packed Mono8 Mono10 Mono12 Mono12 Packed RGB8 BGR8

image preprocessing

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

interfaces and connectors

data interface	USB 3.0, Transfer Rate 5000 Mbits/sec, Connector: USB 3.0 Micro B
process interface	M8 / 8 pins (SACC-DSI-M8MS-8CON-M8-L180)
power supply	via USB 3.0 interface

mechanical data

lens mount	C-mount
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mechanical data

width	29 mm
height	29 mm
depth	38 mm
weight	≤ 90 g
material	zinc die casting, nickel-plated, IP 40

electrical data

power consumption	approx. 2,4 W @ 55,5 fps
operating voltage	5 VDC (via USB3.0 interface)

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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VCXU-32C

USB 3.0, 3,1 Megapixel, Color

Article number: 11165815

dimension drawing

