



USB³
VISION **GEN*i*CAM**



sensor information

sensor	Sony IMX287
resolution	720 × 540 px
exposure time	0,001 ... 60000 ms
pixel size	6.9 × 6.9 μm
shutter type	Global shutter
sensor type	1/2.9" CMOS

acquisition formats

image formats, interface	Full Frame, 720 × 540 px, max. 430 fps
frame rate max.	Binning 2×2, 360 × 270 px, max. 430 fps Binning 2×1, 360 × 540 px, max. 430 fps Binning 1×2, 720 × 270 px, max. 430 fps

image formats, acquisition	Full Frame, 720 × 540 px, max. 434 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	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
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. 2,6 W @ 430 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-04C

USB 3.0, 0,3 Megapixel, Color

Article number: 11183219

dimension drawing

