



USB
VISION

GEN*i*CAM



sensor information

sensor	Sony IMX265
type	1/1.8" progressive scan CMOS
resolution	2048 × 1536 px
exposure time	0,05 ... 60000 ms
pixel size	3.45 × 3.45 µm

acquisition formats

image formats, frame rate max.	Full Frame, 2048 × 1536 px, max. 55,5 fps Binning 2×2, 1024 × 768 px, max. 55,5 fps Binning 2×1, 1024 × 1536 px, max. 55,5 fps Binning 1×2, 2048 × 768 px, max. 55,5 fps
-----------------------------------	---

pixel formats	Mono8 Mono10 Mono12 Mono12 Packed
---------------	--

image pre-processing

analog controls	Gain (0 ... 48 dB) Offset (0 ... 255 LSB 12 Bit)
-----------------	---

color models	Mono
--------------	------

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-M8FS-8CONM10-L180 SH)
power supply	via USB 3.0 interface

mechanical data

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

electrical data

power consumption	approx. 2,4 W @ 55,5 fps
-------------------	--------------------------

environmental conditions

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

digital I/Os

lines	1 input line 1 output line 2 general purpose lines
-------	--

dimension drawing

