



USB
VISION **GEN<i>i>CAM**



sensor information

sensor	Sony IMX249
type	1/1.2" progressive scan CMOS
resolution	1920 × 1200 px
exposure time	0,057 ... 60000 ms
pixel size	5.86 × 5.86 µm

acquisition formats

image formats, frame rate max.	Full Frame, 1920 × 1200 px, max. 38,0 fps Binning 2×2, 960 × 600 px, max. 38,0 fps Binning 2×1, 960 × 1200 px, max. 38,0 fps Binning 1×2, 1920 × 600 px, max. 38,0 fps
--------------------------------	---

pixel formats	BayerRG8 BayerRG12
---------------	-----------------------

image pre-processing

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

color models	Raw Bayer
--------------	-----------

interfaces and connectors

data interface	USB 3.0, Transfer Rate 5000 Mbits/sec, Connector: USB 3.0 Micro B
process interface	M8 / 4 pins (SACC-DSI-M 8MS-4CON-L180)
power supply	via USB 3.0 interface

mechanical data

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

electrical data

power consumption	approx. 1,5 W @ 38,0 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
-------	-------------------------------

dimension drawing

