



USB
VISION GEN*i*CAM



sensor information

sensor	CMOSIS CMV300
type	1/3" progressive scan CMOS
resolution	640 × 480 px
exposure time	0,015 ... 1000 ms
pixel size	7.4 × 7.4 µm

acquisition formats

image formats, frame rate max.	Full Frame, 640 × 480 px, max. 376,0 fps
pixel formats	Mono8 Mono12 Mono12 Packed

image pre-processing

analog controls	Gain (0 ... 18 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	33 mm
height	33 mm
depth	48 mm
weight	≤ 140 g

electrical data

power consumption	approx. 2,3 W @ 376,0 fps
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environmental conditions

operating temperature	+5 ... +50 °C
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

digital I/Os

lines	1 input line 3 output lines
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dimension drawing

