



sensor information

sensor	ams (CMOSIS) CMV2000
resolution	2048 × 1088 px
exposure time	0,02 ... 1000 ms
color filter	RGB Bayer Mosaic
pixel size	5.5 × 5.5 µm
shutter type	Global shutter
sensor type	2/3" CMOS

acquisition formats

image formats, interface	Full Frame, 2048 × 1088 px, max. 337 fps
frame rate max.	
pixel formats	BayerGB8 BayerGB10 BayerGB12

image preprocessing

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

interfaces and connectors

data interface	Camera Link® Full, connector: 2 x Standard SDR26 (Mini CL)
process interface	M8 / 8 pins
power supply	M8 / 3 pins

mechanical data

lens mount	C-mount (F-mount on request)
width	52 mm
height	52 mm
depth	37 mm
weight	≤ 185 g
material	housing: aluminum

electrical data

voltage supply	9,6 ... 30 V DC
range +Vs	
power consumption	approx. 5,5 W

environmental conditions

operating temperature	+5 ... +60 °C
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

conformity

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dimension drawing

