



sensor information

sensor	CMOSIS CMV20000
type	35 mm global shutter CMOS
resolution	5120 × 3840 px
exposure time	0,1 ... 1000 ms
color filter	RGB Bayer Mosaic
pixel size	6.4 × 6.4 μm

acquisition formats

image formats,	Full Frame, 5120 × 3840 px, max. 32,0 fps
frame rate max.	
pixel formats	BayerGB8 BayerGB10 BayerGB12

image pre-processing

analog controls	Gain (0 ... 12 dB) Offset (0 ... 255 LSB 12 Bit)
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 / 8 pins

mechanical data

material	housing: aluminum
lens mount	M58-mount (F-mount, M42, C-mount via adapter)
width	60 mm
height	60 mm
depth	47,95 mm
weight	≤ 235 g (M58-mount)

electrical data

voltage supply	12 ... 24 V DC (external power supply)
range +Vs	38 ... 57 V (PoCL)

electrical data

power consumption	approx. 5,5 W @ 24 VDC approx. 5,5 W @ 12 VDC (PoCL)
-------------------	---

environmental conditions

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

dimension drawing

