



sensor information

sensor	CMOSIS CMV4000
type	1" global shutter CMOS
resolution	2048 × 2048 px
exposure time	0,02 ... 1000 ms
color filter	RGB Bayer Mosaic
pixel size	5.5 × 5.5 µm

acquisition formats

image formats, frame rate max.	Full Frame, 2048 × 2048 px, max. 180,0 fps
pixel formats	BayerGB8 BayerGB10 BayerGB12

image pre-processing

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

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

electrical data

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

environmental conditions

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

dimension drawing

