



### sensor information

sensor	CMOSIS CMV4000 V3
type	1" global shutter CMOS
resolution	2048 × 2048 px
exposure time	0,03 ... 1000 ms
pixel size	5.5 × 5.5 μm

### acquisition formats

image formats, frame rate max.	Full Frame, 2048 × 2048 px, max. 59,0 fps
pixel formats	BayerGB8 BayerGB10 BayerGB10 Packed

### image pre-processing

analog controls	Gain (0 ... 12 dB) Offset (0 ... 63 LSB 10 Bit)
color models	Raw Bayer
color processing	NA

### interfaces and connectors

data interface	Dual Gigabit Ethernet, Transfer rate 2000 Mb/s/sec, Connector: 2 x 8P8C Modular Jack (RJ45), screwable type
process interface	M8 / 8 pins
power supply	M8 / 8 pins

### mechanical data

material	housing: aluminum
lens mount	C-mount
width	60 mm
height	60 mm
depth	52,4 mm
weight	≤ 340 g

### electrical data

voltage supply	12 ... 24 V DC (external power supply)
range +Vs	36 ... 57 V DC (Power over Ethernet)

### electrical data

power consumption	approx. 6,2 W @ 24 VDC approx. 5,2 W @ 48 VDC (PoE)
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### environmental conditions

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

### dimension drawing

