



### sensor information

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

### acquisition formats

image formats, frame rate max.	Full Frame, 2048 × 2048 px, max. 56,0 fps Binning 2×1, 1024 × 2048 px, max. 112,0 fps Subsampling 2×2, 1024 × 1024 px, max. 223,0 fps
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pixel formats	Mono8 Mono10 Mono12
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### image pre-processing

analog controls	Gain (0 ... 12 dB) Offset (0 ... 255 LSB)
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color models	Mono
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### interfaces and connectors

data interface	Dual Gigabit Ethernet, Transfer rate 2000 Mbits/sec, Connector: 2 x 8P8C Modular Jack (RJ45), screwable type
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process interface	M8 / 8 pins
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power supply	M8 / 3 pins
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### mechanical data

material	housing: aluminum
lens mount	C-mount (F-mount on request)
width	52 mm
height	52 mm
depth	55 mm
weight	≤ 232 g

### electrical data

voltage supply	20 ... 30 V DC (external power supply)
range +Vs	38 ... 57 V DC (Power over Ethernet)

### electrical data

power consumption	approx. 8,4 W @ 24 VDC and 56,0 fps approx. 9,5 W @ 48 VDC (PoE) and 56,0 fps
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### environmental conditions

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

### dimension drawing

