



sensor information

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

acquisition formats

image formats, frame rate max.	Full Frame, 5120 × 3840 px, max. 32,0 fps Binning 2×2, 2560 × 1920 px, max. 32,0 fps Binning 1×2, 5120 × 1920 px, max. 32,0 fps Binning 2×1, 2560 × 3840 px, max. 32,0 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 12 Bit)
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color models	Mono
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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 range +Vs	12 ... 24 V DC (external power supply) 38 ... 57 V (PoCL)
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electrical data

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

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

dimension drawing

