



sensor information

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

acquisition formats

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

image preprocessing

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

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)
material	housing: aluminum

electrical data

voltage supply	12 ... 24 V DC (external power supply)
range +Vs	38 ... 57 V (PoCL)
power consumption	approx. 5,5 W @ 24 VDC approx. 5,5 W @ 12 VDC (PoCL)

non-volatile memory

flash memory size	128 kB
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environmental conditions

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

conformity

conformity	CE RoHS
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LXC-200C

Camera Link®, 12 Megapixel, Color

Article number: 11148674

dimension drawing

