

overview

- 5120 × 3840 px
- ams (CMOSIS) CMV20000
- 35 mm CMOS
- 32 fps
- Camera Link® Full
- available



technical data

sensor information

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

acquisition formats

image formats, interface frame rate max.	Full Frame, 5120 × 3840 px, max. 32 fps Binning 2×2, 2560 × 1920 px, max. 32 fps Binning 1×2, 5120 × 1920 px, max. 32 fps Binning 2×1, 2560 × 3840 px, max. 32 fps
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pixel formats

Mono8
Mono10
Mono12

image preprocessing

analog controls	Gain (0 ... 12 dB) Offset (0 ... 255 LSB 12 Bit)
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color models

Mono

camera features

synchronization	free running trigger
trigger sources	Hardware software ActionCommand

camera features

trigger delay	0 ... 2 sec, tracking and buffering of up to 256 trigger signals
sequencer	Automated control for series of images using different sets of parameters
sequencer parameter	exposure time gain factor output ROI Offset x ROI Offset y
digital inputs	1 input line
digital outputs	1 output line
internal image buffer	512 MB

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	43,05 mm
weight	≤ 235 g (M58-mount)
material	housing: aluminum

LXC-200M

Camera Link®, 12 Megapixel, Monochrome

Article number: 11148673

technical data

electrical data

voltage supply range +Vs	12 ... 24 V DC (external power supply) 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
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conformity

conformity	CE RoHS EAC
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dimension drawing

