Baumer
Passion for Sensors

LX series

LXC-200C

Camera Link®, 12 Megapixel, Color

Article number: 11148674

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
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 frame rate max.	Full Frame, 5120 × 3840 px, max. 32 fps
pixel formats	BayerGB8 BayerGB10 BayerGB12
image preprocessing	
analog controls	Gain (0 … 12 dB) Offset (0 … 255 LSB 12 Bit)
color models	Raw Bayer
camera features	
synchronization	free running trigger
trigger sources	Hardware software ActionCommand
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

camera features	
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
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)

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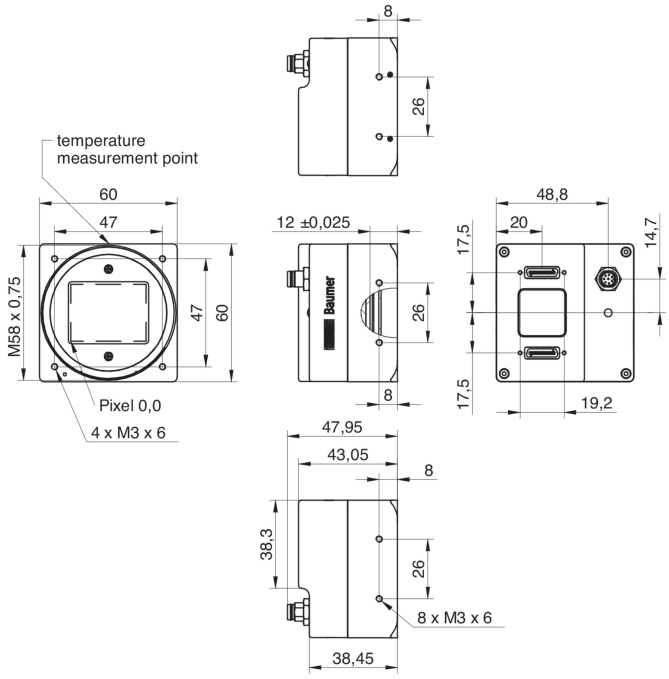
non-volatile memory	
flash memory size	128 kB
environmental conditions	
operating temperature	+5 … +65 °C @ T = measurement point
humidity	10 … 90 % (non-condensing)

environmental conditions	
protection class	IP 40
conformity	
conformity	CE RoHS EAC

dimension drawing



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