

overview

- 7920 × 6004 px
- ams (CMOSIS) CMV50000
- 35 mm CMOS
- 15 fps
- Camera Link[®] Full



technical data

sensor information		camera features	
sensor	ams (CMOSIS) CMV50000	sequencer parameter	exposure time gain factor output ROI Offset x ROI Offset y
resolution	7920 × 6004 px	digital inputs	1 input line
exposure time	0,1 ... 10000 ms	digital outputs	1 output line
color filter	RGB Bayer Mosaic	internal image buffer	512 MB
pixel size	4.6 × 4.6 μm	interfaces and connectors	
sensor type	35 mm CMOS	data interface	Camera Link [®] Full, connector: 2 x Standard SDR26 (Mini CL)
acquisition formats		process interface	M8 / 8 pins
image formats, interface	Full Frame, 7920 × 6004 px, max. 15 fps frame rate max.	power supply	M8 / 8 pins
pixel formats	BayerBG8 BayerBG10 BayerBG12	mechanical data	
image preprocessing		lens mount	M58-mount (F-mount, M42, C-mount via adapter)
analog controls	Gain (0 ... 23,5 dB) Offset (0 ... 255 LSB 12 Bit)	width	60 mm
color models	Raw Bayer	height	60 mm
color processing	NA	depth	50,02 mm
camera features		weight	≤ 235 g (M58-mount)
synchronization	free running trigger	material	housing: aluminum
trigger sources	Hardware software ActionCommand	electrical data	
trigger delay	0 ... 2 sec, tracking and buffering of up to 256 trigger signals	voltage supply range +Vs	12 ... 24 V DC (external power supply) 38 ... 57 V (PoCL)
sequencer	Automated control for series of images using different sets of parameters	power consumption	approx. 10 W @ 24 VDC (sequential readout) approx. 10 W @ 12 VDC (PoCL)

LXC-500C

Camera Link[®], 48 Megapixel, Color

Article number: 11188974

technical data

non-volatile memory

flash memory size 32 Mbit

environmental conditions

operating temperature +5 ... +66 °C @ T = measurement point

humidity 10 ... 90 % (non-condensing)

environmental conditions

protection class IP 40

conformity

conformity CE
RoHS

dimension drawing

