

overview

- 2048 × 2048 px
- ams (CMOSIS) CMV4000 V3
- 1" CMOS
- 180 fps
- Camera Link® Full
- available



technical data

sensor information		camera features	
sensor	ams (CMOSIS) CMV4000 V3	sequencer parameter	exposure time gain factor output ROI Offset x ROI Offset y
resolution	2048 × 2048 px	digital inputs	1 input line
exposure time	0,03 ... 1000 ms	digital outputs	1 output line
color filter	RGB Bayer Mosaic	internal image buffer	256 MB
pixel size	5.5 × 5.5 µm	interfaces and connectors	
shutter type	Global shutter	data interface	Camera Link® Full, connector: 2 x Standard SDR26 (Mini CL)
sensor type	1" CMOS	process interface	M8 / 8 pins
acquisition formats		power supply	M8 / 8 pins
image formats, interface frame rate max.	Full Frame, 2048 × 2048 px, max. 180 fps	mechanical data	
pixel formats	BayerGB8 BayerGB10	lens mount	C-mount
image preprocessing		width	60 mm
analog controls	Gain (0 ... 12 dB) Offset (0 ... 63 LSB 10 Bit)	height	60 mm
color models	Raw Bayer	depth	43,05 mm
color processing	NA	weight	≤ 285 g
camera features		material	housing: aluminum
synchronization	free running trigger	electrical data	
trigger sources	Hardware software	voltage supply range +Vs	12 ... 24 V DC (external power supply) 0... 12 V (PoCL)
trigger delay	0 ... 2 sec, tracking and buffering of up to 512 trigger signals	power consumption	approx. 3,8 W @ 24 VDC approx. 3,8 W @ 12 VDC (PoCL)
sequencer	Automated control for series of images using different sets of parameters	non-volatile memory	
		flash memory size	128 kB

LXC-40C

Camera Link®, 4 Megapixel, Color

Article number: 11148661

technical data

environmental conditions

operating temperature	+5 ... +64 °C @ T = measurement point
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

conformity

conformity	CE
	RoHS
	EAC

dimension drawing

