

overview

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



technical data

sensor information		camera features	
sensor	ams (CMOSIS) CMV4000	trigger delay	0 ... 2 sec, tracking and buffering of up to 512 trigger signals
resolution	2048 × 2048 px	sequencer	Automated control for series of images using different sets of parameters
exposure time	0,02 ... 1000 ms	sequencer parameter	exposure time gain factor output
pixel size	5.5 × 5.5 µm	digital inputs	3 input line (each with Debouncer)
shutter type	Global shutter	digital outputs	3 output lines
sensor type	1" CMOS	internal image buffer	256 MB
acquisition formats		interfaces and connectors	
image formats, interface	Full Frame, 2048 × 2048 px, max. 180 fps	data interface	Camera Link® Full, connector: 2 x Standard SDR26 (Mini CL)
frame rate max.	Binning 2×1, 1024 × 2048 px, max. 180 fps Subsampling 2×2, 1024 × 1024 px, max. 357 fps	process interface	M8 / 8 pins
pixel formats	Mono8 Mono10 Mono12	power supply	M8 / 3 pins
image preprocessing		mechanical data	
analog controls	Gain (0 ... 12 dB) Offset (0 ... 255 LSB)	lens mount	C-mount (F-mount on request)
color models	Mono NIR	width	52 mm
camera features		height	52 mm
synchronization	free running trigger	depth	37 mm
trigger sources	Hardware software FrameGrabber	weight	≤ 185 g
		material	housing: aluminum
		electrical data	
		voltage supply range +Vs	9,6 ... 30 V DC
		power consumption	approx. 5,5 W

HXC40NIR

Camera Link®, 4 Megapixel, Monochrome

Article number: 11047483

technical data

environmental conditions

operating temperature	+5 ... +60 °C
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

conformity

conformity	CE
	RoHS
	FCC
	KC (MISP-REI-BkR-HXC40)
	EAC

dimension drawing

