

## HXC40NIR

Camera Link®, 4 Megapixel, Monochrome

Article number: 11047483

### Overview

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



Picture similar



### Technical data

#### Sensor information

Sensor	ams (CMOSIS) CMV4000
Mono/Color	NIR
Sensor type	1" CMOS
Shutter type	Global shutter
Resolution	2048 × 2048 px
Pixel size	5.5 × 5.5 µm
Exposure time	0.02 ... 1000 ms

#### Acquisition formats

Image formats, interface frame rate max.	Full Frame, 2048 × 2048 px, max. 180 fps Binning 2×1, 1024 × 2048 px, max. 180 fps Subsampling 2×2, 1024 × 1024 px, max. 357 fps
Pixel formats	Mono8 Mono10 Mono12

#### Image preprocessing

Analog controls	Gain (0 ... 12 dB) Offset (0 ... 255 LSB)
Color models	Mono NIR

#### Camera features

Synchronization	free running trigger
Trigger sources	Hardware Software FrameGrabber

#### Camera features

Trigger delay	0 ... 2 sec, tracking and buffering of up to 512 trigger signals
Sequencer	Automated control for series of images using different sets of parameters
Sequencer parameter	Exposure time gain factor Output
Digital inputs	3 input line (each with Debouncer)
Digital outputs	3 output lines
Internal image buffer	256 MB

#### Interfaces and connectors

Data interface	Camera Link Full, connector: 2 x Standard SDR26 (Mini CL)
Process interface	M8 / 8 pins
Power supply	via M8 / 3 pins

#### Mechanical data

Lens mount	C-mount (F-mount on request)
Width	52 mm
Height	52 mm
Depth	37 mm
Weight	≤ 185 g
Material	housing: aluminum

#### Electrical data

Voltage supply range +Vs	9.6 ... 30 V DC
Power consumption	Approx. 5.5 W

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#### 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

