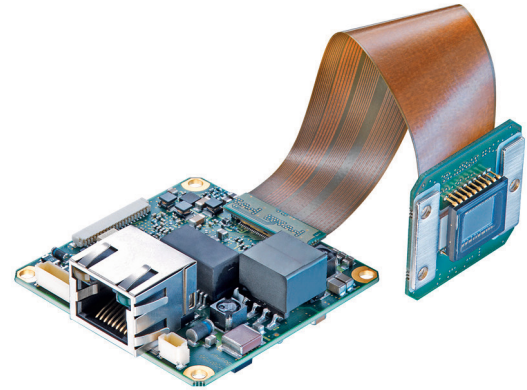


**overview**

- 2040 × 2044 px
- ams (CMOSIS) CMV4000 V3
- 1" CMOS
- 29 fps
- Gigabit Ethernet
- available



**technical data**

**sensor information**

sensor	ams (CMOSIS) CMV4000 V3
resolution	2040 × 2044 px
pixel size	5.5 × 5.5 µm
shutter type	Global shutter
sensor type	1" CMOS

**acquisition formats**

image formats, interface frame rate max.	Full Frame, 2040 × 2044 px, max. 29 fps
pixel formats	Mono8 BayerRG8 BayerRG12 RGB8 Packed BGR8 Packed YUV411 Packed YUV422 Packed YUV444 Packed

**image preprocessing**

analog controls	Gain (0 ... 18 dB) Offset (0 ... 255 LSB 12 Bit)
color models	RGB YUV Mono
color processing	Integrated color processor for high quality color calculation

**camera features**

synchronization	free running trigger
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**camera features**

trigger sources	Hardware software ActionCommand
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 ROI Offset x ROI Offset y
digital inputs	1 input line
digital outputs	3 output lines
internal image buffer	120 MB

**interfaces and connectors**

data interface	Gigabit Ethernet, Transfer rate 1000 Mb/s/sec, Fast Ethernet, Transfer rate 100 Mb/s/sec, Connector: 8P8C Modular Jack (RJ45)
process interface	JSTBM08B-SRSS-TB 8 pins
power supply	JSTBM03B-SRSS-TB 3 pins

**mechanical data**

lens mount	C-mount / S-mount (adapter)
width	28,5 mm (sensor print) 48 mm (system print)
height	28,5 mm (sensor print) 48 mm (system print)

## MXGC40c.2

Gigabit Ethernet, 4 Megapixel, Color

Article number: 11115308

### technical data

#### mechanical data

weight	≤ 30 g
material	without housing

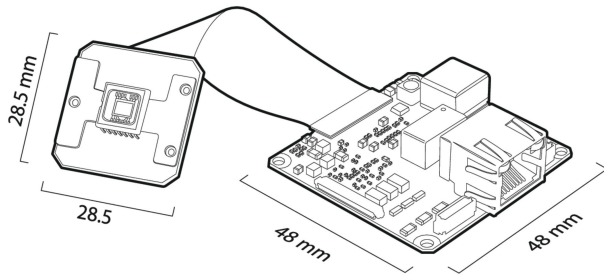
#### electrical data

voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
power consumption	approx. 3,6 W @ 12 VDC and 29,0 fps approx. 3,7 W @ 48 VDC (PoE) and 23,5 fps

#### non-volatile memory

flash memory size	128 kB
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#### dimension drawing



#### environmental conditions

operating temperature	Depends on the thermal encapsulation ( $T_{max} = 70\text{ °C}$ @ Measurement Point)
humidity	10 ... 90 % (non-condensing)

#### digital I/Os

lines	1 input line 3 output lines
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#### conformity

conformity	CE RoHS EAC
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