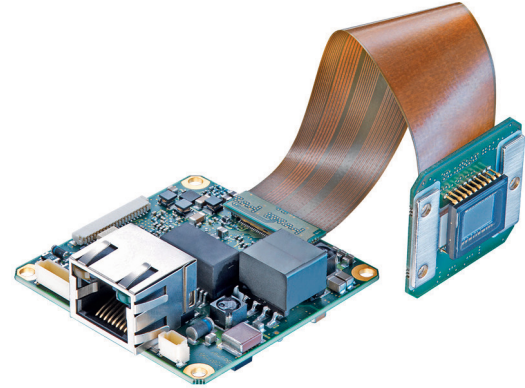


overview

- 656 × 490 px
- Sony ICX618
- 1/4" CCD
- 160 fps
- Gigabit Ethernet
- Phase-Out starting 09/19, alternative via sales



technical data

sensor information		camera features	
sensor	Sony ICX618	trigger sources	Hardware software ActionCommand
resolution	656 × 490 px	trigger delay	0 ... 2 sec, tracking and buffering of up to 512 trigger signals
pixel size	5.6 × 5.6 µm	sequencer	Automated control for series of images using different sets of parameters
shutter type	Global shutter	sequencer parameter	exposure time gain factor output line ROI Offset x ROI Offset y
sensor type	1/4" CCD	digital inputs	1 input line
acquisition formats		digital outputs	3 output lines
image formats, interface frame rate max.	Full Frame, 656 × 490 px, max. 160 fps	internal image buffer	120 MB
pixel formats	Mono8 BayerRG8 BayerRG12 RGB8 Packed BGR8 Packed YUV411 Packed YUV422 Packed YUV444 Packed	interfaces and connectors	
image preprocessing		data interface	Gigabit Ethernet, Transfer rate 1000 Mb/s/sec, Fast Ethernet, Transfer rate 100 Mb/s/sec, Connector: 8P8C Modular Jack (RJ45)
analog controls	Gain (0 ... 26 dB) Offset (0 ... 1023 LSB 14 Bit)	process interface	JSTBM08B-SRSS-TB 8 pins
color models	RGB YUV Mono	power supply	JSTBM03B-SRSS-TB 3 pins
color processing	Integrated color processor for high quality color calculation	mechanical data	
camera features		lens mount	C-mount / S-mount (adapter)
synchronization	free running trigger	width	28,5 mm (sensor print) 48 mm (system print)
		height	28,5 mm (sensor print) 48 mm (system print)

MXG02c

Gigabit Ethernet, VGA, Color

Article number: 11094927

technical data

mechanical data

weight	≤ 30 g
material	without housing

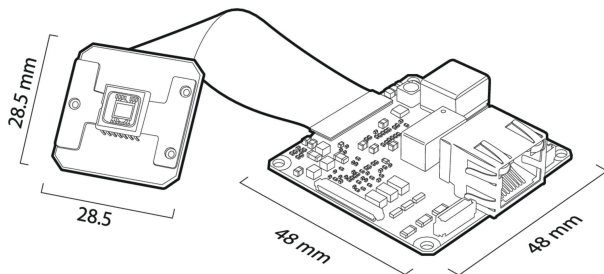
electrical data

voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
power consumption	approx. 3,4 W @ 12 VDC and 160,0 fps approx. 3,7 W @ 48 VDC (PoE) and 160,0 fps

non-volatile memory

flash memory size	128 kB
-------------------	--------

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
-------	--------------------------------

conformity

conformity	CE RoHS EAC
------------	-------------------