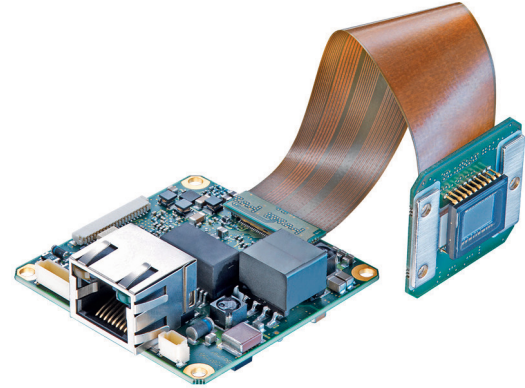


overview

- 1288 × 960 px
- Sony ICX445
- 1/3" CCD
- 42 fps
- Gigabit Ethernet
- Phase-Out starting 09/19, alternative via sales



technical data

sensor information	
sensor	Sony ICX445
resolution	1288 × 960 px
pixel size	3.75 × 3.75 μm
shutter type	Global shutter
sensor type	1/3" CCD
acquisition formats	
image formats, interface	Full Frame, 1288 × 960 px, max. 42 fps
frame rate max.	
pixel formats	Mono8 BayerRG8 BayerRG12 RGB8 Packed BGR8 Packed YUV411 Packed YUV422 Packed YUV444 Packed
image preprocessing	
analog controls	Gain (0 ... 29 dB) Offset (0 ... 1023 LSB 14 Bit)
color models	RGB YUV Mono
color processing	Integrated color processor for high quality color calculation
camera features	
synchronization	free running trigger

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 line 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 Mbits/sec, Fast Ethernet, Transfer rate 100 Mbits/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)

MXG12c

Gigabit Ethernet, 1,2 Megapixel, Color

Article number: 11094929

technical data

mechanical data

weight	≤ 30 g
material	without housing

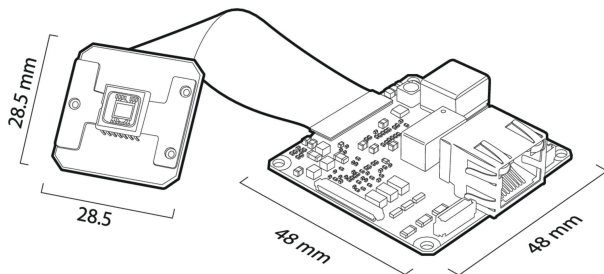
electrical data

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 42,0 fps approx. 3,8 W @ 48 VDC (PoE) and 42,0 fps

non-volatile memory

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

dimension drawing



environmental conditions

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

digital I/Os

lines	1 input line 3 output lines
-------	--------------------------------

conformity

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