

**overview**

- 1920 × 1200 px
- Sony IMX249
- 1/1.2" CMOS
- 38 fps
- Gigabit Ethernet
- available



**technical data**

sensor information		camera features	
sensor	Sony IMX249	trigger sources	Hardware software ActionCommand
resolution	1920 × 1200 px	trigger delay	0 ... 2 sec, tracking and buffering of up to 512 trigger signals
exposure time	0,045 ... 60000 ms	sequencer	Automated control for series of images using different sets of parameters
pixel size	5.86 × 5.86 µm	sequencer parameter	exposure time gain factor output line ROI Offset x ROI Offset y
shutter type	Global shutter	digital inputs	1 input line
sensor type	1/1.2" CMOS	digital outputs	3 output lines
acquisition formats		internal image buffer	120 MB
image formats, interface frame rate max.	Full Frame, 1920 × 1200 px, max. 38 fps	interfaces and connectors	
pixel formats	Mono8 BayerRG8 BayerRG12 RGB8 Packed BGR8 Packed YUV411 Packed YUV422 Packed YUV444 Packed	data interface	Gigabit Ethernet, Transfer rate 1000 Mb/s/sec, Fast Ethernet, Transfer Rate 100 Mb/s/sec, Connector: 8P8C Modular Jack (RJ45), screwable type
image preprocessing		process interface	SACC-DSI-M8FS-3CON-M10-L180 SH
analog controls	Gain (0 ... 48 dB) Offset (0 ... 255 LSB 12 Bit)	power supply	SACC-DSI-M 8MS-6CON-L180 SH
color models	RGB YUV Mono	mechanical data	
color processing	Integrated color processor for high quality color calculation	lens mount	C-mount
camera features		width	33 mm
synchronization	free running trigger	height	33 mm
		depth	48 mm
		weight	≤ 125 g

**technical data**

**mechanical data**

material	camera support: aluminum case and back plane: zinc die casting, nickel-plated, IP 40
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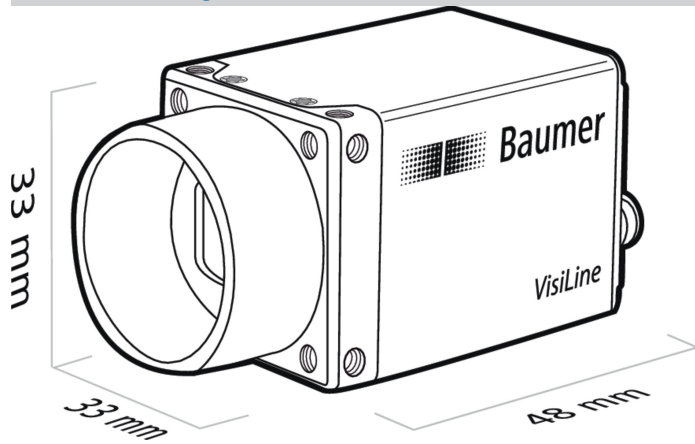
**electrical data**

voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
power consumption	approx. 3,5 W @ 12 VDC und 38,5 fps approx. 3,8 W @ 48 VDC (PoE) and 38,5 fps

**non-volatile memory**

flash memory size	128 kB
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**dimension drawing**



**environmental conditions**

operating temperature	+5 ... +50 °C
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

**digital I/Os**

lines	1 input line 3 output lines
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**conformity**

conformity	CE RoHS
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