

**overview**

- 1920 × 1200 px
- Sony IMX174
- 1/1.2" CMOS
- 53 fps
- Gigabit Ethernet
- available



**technical data**

sensor information	
sensor	Sony IMX174
resolution	1920 × 1200 px
exposure time	0,045 ... 60000 ms
pixel size	5.86 × 5.86 µm
shutter type	Global shutter
sensor type	1/1.2" CMOS
acquisition formats	
image formats, interface frame rate max.	Full Frame, 1920 × 1200 px, max. 53 fps
pixel formats	Mono8 BayerRG8 BayerRG12 RGB8 Packed BGR8 Packed YUV411 Packed YUV422 Packed YUV444 Packed
image preprocessing	
analog controls	Gain (0 ... 48 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

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 Mbts/sec, Fast Ethernet, Transfer Rate 100 Mbts/sec, Connector: 8P8C Modular Jack (RJ45), screwable type
process interface	SACC-DSI-M8FS-3CON-M10-L180 SH
power supply	SACC-DSI-M 8MS-6CON-L180 SH
mechanical data	
lens mount	C-mount
width	33 mm
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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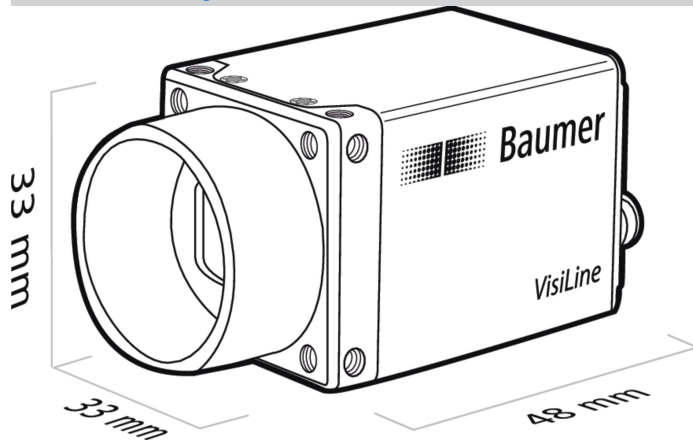
**electrical data**

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 53,0 fps approx. 3,8 W @ 48 VDC (PoE) and 53,0 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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