

**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
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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 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: SACC-CI-M12FS-8CON-L180-10G
process interface / power supply	SACC-CI-M12MS-8CON-SH TOR 32 / 8 pins

**mechanical data**

lens mount	C-mount
width	46 mm
height	46 mm
depth	49,8 mm

## VLG-23C.I

Gigabit Ethernet, 2,3 Megapixel, Color

Article number: 11143092

### technical data

#### mechanical data

weight	≤ 185 g ≤ 220 g (incl. tube)
material	aluminum, IP 65 / 67

#### 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

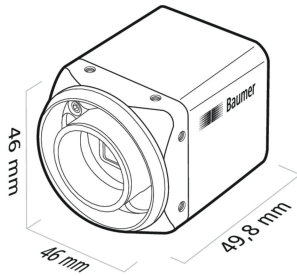
#### non-volatile memory

flash memory size	128 kB
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#### environmental conditions

operating temperature	+5 ... +50 °C
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### dimension drawing



#### environmental conditions

humidity	10 ... 90 % (non-condensing)
protection class	IP 40 IP 54 (with mounted tube and cable) IP 65 (with mounted tube and cable) IP 67 (with mounted tube and cable) IP 69K (with stainless steel housing accessory)

#### digital I/Os

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

conformity	CE RoHS
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