

**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 Mono12 Mono12 Packed

**image preprocessing**

analog controls	Gain (0 ... 48 dB) Offset (0 ... 255 LSB 12 Bit)
color models	Mono

**camera features**

synchronization	free running trigger
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

**camera features**

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

**electrical data**

voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
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## VLG-23M

Gigabit Ethernet, 2,3 Megapixel, Monochrome

Article number: 11143096

### technical data

#### electrical data

power consumption	approx. 3,5 W @ 12 VDC und 53,0 fps approx. 3,8 W @ 48 VDC (PoE) and 53,0 fps
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#### non-volatile memory

flash memory size	128 kB
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#### environmental conditions

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

#### environmental conditions

protection class	IP 40
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#### digital I/Os

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

conformity	CE RoHS
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### dimension drawing

