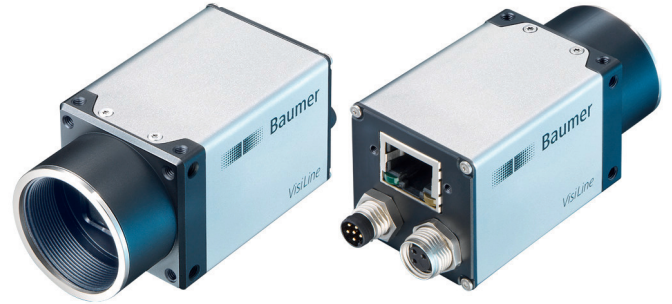


**overview**

- 640 × 480 px
- ams (CMOSIS) CMV300
- 1/3" CMOS
- 376 fps
- Gigabit Ethernet
- available



**technical data**

sensor information		camera features	
sensor	ams (CMOSIS) CMV300	sequencer parameter	exposure time gain factor output ROI Offset x ROI Offset y
resolution	640 × 480 px	digital inputs	1 input line
exposure time	0,015 ... 1000 ms	digital outputs	3 output lines
pixel size	7.4 × 7.4 µm	internal image buffer	120 MB
shutter type	Global shutter	interfaces and connectors	
sensor type	1/3" CMOS	data interface	Gigabit Ethernet, Transfer rate 1000 Mbits/sec, Fast Ethernet, Transfer Rate 100 Mbits/sec, Connector: 8P8C Modu- lar Jack (RJ45), screwable type
acquisition formats		process interface	SACC-DSI-M8FS-3CON-M10-L180 SH
image formats, interface frame rate max.	Full Frame, 640 × 480 px, max. 376 fps	power supply	SACC-DSI-M 8MS-6CON-L180 SH
pixel formats	Mono8 Mono12 Mono12 Packed	mechanical data	
image preprocessing		lens mount	C-mount
analog controls	Gain (0 ... 18 dB) Offset (0 ... 255 LSB 12 Bit)	width	33 mm
color models	Mono	height	33 mm
camera features		depth	48 mm
synchronization	free running trigger	weight	≤ 150 g
trigger sources	Hardware software ActionCommand	material	zinc die casting, nickel-plated, IP 40
trigger delay	0 ... 2 sec, tracking and buffering of up to 512 trigger signals	electrical data	
sequencer	Automated control for series of images using different sets of parameters	voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)

## VLG-03M

Gigabit Ethernet, 0,3 Megapixel, Monochrome

Article number: 11107138

### technical data

#### electrical data

power consumption	approx. 3,0 W @ 12 VDC and 376,0 fps
	approx. 3,6 W @ 48 VDC (PoE) and 376,0 fps

#### non-volatile memory

flash memory size	128 kB
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#### 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

#### conformity

conformity	CE
	RoHS
	KC (MSIP-REI-BkR-VLG-03MCS)
	EAC

### dimension drawing

