

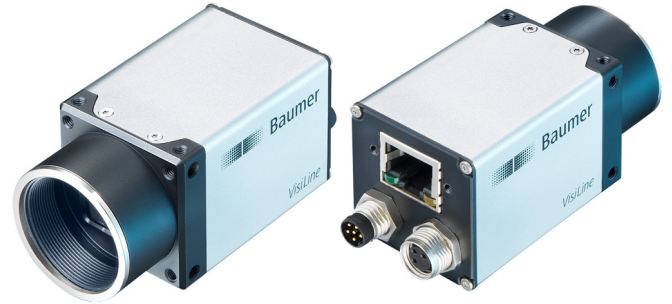
## VLG-40M.2

Gigabit Ethernet, 4,0 Megapixel, Monochrome

Article number: 11115208

### Overview

- 2040 × 2044 px
- ams (CMOSIS) CMV4000 V3
- 1" CMOS
- 29 fps
- Gigabit Ethernet



Picture similar



### Technical data

#### Sensor information

Sensor	ams (CMOSIS) CMV4000 V3
Mono/Color	Mono
Sensor type	1" CMOS
Shutter type	Global shutter
Resolution	2040 × 2044 px
Pixel size	5.5 × 5.5 µm
Exposure time	0.02 ... 1000 ms

#### Acquisition formats

Image formats, interface frame rate max.	Full Frame, 2040 × 2044 px, max. 29 fps
Pixel formats	Mono8 Mono12 Mono12 Packed

#### Image preprocessing

Analog controls	Gain (0 ... 18 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 Mb/s, Fast Ethernet, Transfer Rate 100 Mb/s, 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	≤ 150 g
Material	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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Power consumption	Approx. 3.6 W @ 12 VDC and 29.0 fps Approx. 3.7 W @ 48 VDC (PoE) and 23.5 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

