VLG-40M

Gigabit Ethernet, 4,0 Megapixel, Monochrome

Article number: 11099361

Overview

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



Technical data

Sensor information	
Sensor	ams (CMOSIS) CMV4000
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 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	≤ 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)
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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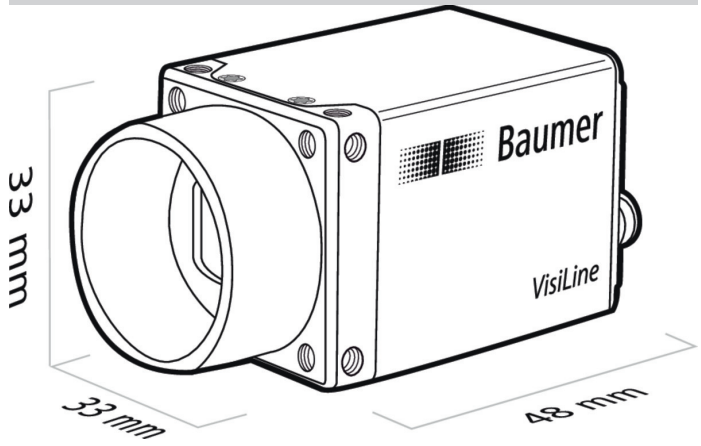
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Technical data

Non-volatile memory	
Flash memory size	128 kB
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

Dimension drawing



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