

overview

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



technical data

sensor information		camera features	
sensor	ams (CMOSIS) CMV4000 V3	trigger sources	Hardware software ActionCommand
resolution	2040 × 2044 px	trigger delay	0 ... 2 sec, tracking and buffering of up to 512 trigger signals
exposure time	0,02 ... 1000 ms	sequencer	Automated control for series of images using different sets of parameters
pixel size	5.5 × 5.5 µm	sequencer parameter	exposure time gain factor output ROI Offset x ROI Offset y
shutter type	Global shutter	digital inputs	1 input line
sensor type	1" CMOS	digital outputs	3 output lines
acquisition formats		internal image buffer	120 MB
image formats, interface frame rate max.	Full Frame, 2040 × 2044 px, max. 29 fps	interfaces and connectors	
pixel formats	Mono8 BayerRG8 BayerRG12 RGB8 Packed BGR8 Packed YUV411 Packed YUV422 Packed YUV444 Packed	data interface	Gigabit Ethernet, Transfer rate 1000 Mb/s/sec, Fast Ethernet, Transfer Rate 100 Mb/s/sec, Connector: SACC-CI-M12FS-8CON-L180-10G
image preprocessing		process interface / power supply	SACC-CI-M12MS-8CON-SH TOR 32 / 8 pins
analog controls	Gain (0 ... 18 dB) Offset (0 ... 255 LSB 12 Bit)	mechanical data	
color models	RGB YUV Mono	lens mount	C-mount
color processing	Integrated color processor for high quality color calculation	width	46 mm
camera features		height	46 mm
synchronization	free running trigger	depth	49,8 mm

VLG-40C.2.I

Gigabit Ethernet, 4,0 Megapixel, Color

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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. 3,6 W @ 12 VDC and 29,0 fps approx. 3,7 W @ 48 VDC (PoE) and 23,5 fps

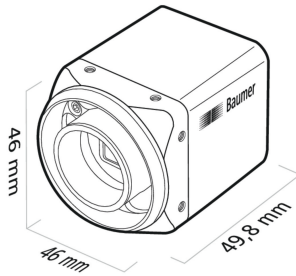
non-volatile memory

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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