

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	sequencer parameter	exposure time gain factor output ROI Offset x ROI Offset y
resolution	2040 × 2044 px	digital inputs	1 input line
exposure time	0,02 ... 1000 ms	digital outputs	3 output lines
pixel size	5.5 × 5.5 µm	internal image buffer	120 MB
shutter type	Global shutter	interfaces and connectors	
sensor type	1" CMOS	data interface	Gigabit Ethernet, Transfer rate 1000 Mbits/sec, Fast Ethernet, Transfer Rate 100 Mbits/sec, Connector: SACC-CI- M12FS-8CON-L180-10G
acquisition formats		process interface / power supply	SACC-CI-M12MS-8CON-SH TOR 32 / 8 pins
image formats, interface frame rate max.	Full Frame, 2040 × 2044 px, max. 29 fps	mechanical data	
pixel formats	Mono8 Mono12 Mono12 Packed	lens mount	C-mount
image preprocessing		width	46 mm
analog controls	Gain (0 ... 18 dB) Offset (0 ... 255 LSB 12 Bit)	height	46 mm
color models	Mono	depth	49,8 mm
camera features		weight	≤ 185 g ≤ 220 g (incl. tube)
synchronization	free running trigger	material	aluminum, IP 65 / 67
trigger sources	Hardware software ActionCommand	electrical data	
trigger delay	0 ... 2 sec, tracking and buffering of up to 512 trigger signals	voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
sequencer	Automated control for series of images using different sets of parameters		

VLG-40M.2.I

Gigabit Ethernet, 4,0 Megapixel, Monochrome

Article number: 11115306

technical data

electrical data

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)
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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dimension drawing

