Baumer
Passion for Sensors

VisiLine series

VLG-40M.2.I

Gigabit Ethernet, 4,0 Megapixel, Monochrome

Article number: 11115306

overview

- 2040 × 2044 px
- ams (CMOSIS) CMV4000 V3
- 1″ CMOS
- 29 fps
- Gigabit Ethernet
- Phase-Out starting 08/20, alternative via sales



technical data

sensor information	
sensor	ams (CMOSIS) CMV4000 V3
resolution	2040 × 2044 px
exposure time	0,02 … 1000 ms
pixel size	5.5 × 5.5 µm
shutter type	Global shutter
sensor type	1″ CMOS
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 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: SACC-CI-M12FS-8CON-L180-10G
process interface / power supply	SACC-CI-M12MS-8CON-SH TOR 32 / 8 pins
mechanical data	
lens mount	C-mount
width	46 mm
height	46 mm
depth	49,8 mm
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)

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2020-08-10

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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

non-volatile memory

flash memory size	128 kB

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)

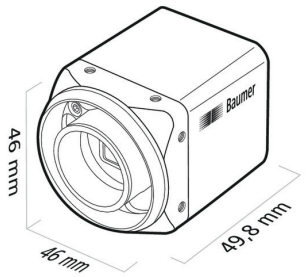
digital I/Os

lines	1 input line 3 output lines

conformity

conformity	CE RoHS

dimension drawing



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