Baumer
Passion for Sensors

VisiLine series

VLG-40C.2

Gigabit Ethernet, 4,0 Megapixel, Color

Article number: 11115209

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 BayerRG8 BayerRG12 RGB8 Packed BGR8 Packed YUV411 Packed YUV422 Packed YUV444 Packed
image preprocessing	
analog controls	Gain (0 … 18 dB) Offset (0 … 255 LSB 12 Bit)
color models	RGB YUV Mono
color processing	Integrated color processor for high quality color calculation
camera features	
synchronization	free running trigger

camera features	
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
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

2020-08-10 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

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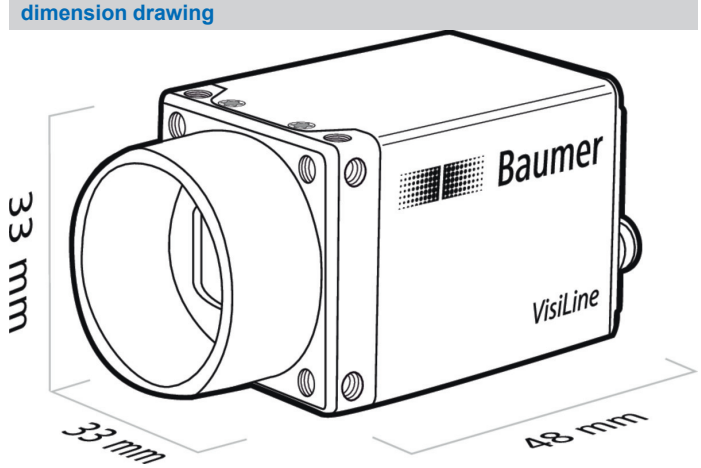
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technical data

mechanical data	
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
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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