Baumer
Passion for Sensors

VisiLine series

VLG-20C.I

Gigabit Ethernet, 2,0 Megapixel, Color

Article number: 11104889

overview

- 1624 × 1228 px
- Sony ICX274
- 1/1.8″ CCD
- 27 fps
- Gigabit Ethernet
- Phase-Out starting 09/19, alternative via sales



technical data

sensor information	
sensor	Sony ICX274
resolution	1624 × 1228 px
exposure time	0,004 … 60000 ms
pixel size	4.4 × 4.4 µm
shutter type	Global shutter
sensor type	1/1.8″ CCD
acquisition formats	
image formats, interface frame rate max.	Full Frame, 1624 × 1228 px, max. 27 fps
pixel formats	Mono8 BayerRG8 BayerRG12 RGB8 Packed BGR8 Packed YUV411 Packed YUV422 Packed YUV444 Packed
image preprocessing	
analog controls	Gain (0 … 29 dB) Offset (0 … 1023 LSB 14 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: 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

2019-11-27 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.

VisiLine series

VLG-20C.I

Gigabit Ethernet, 2,0 Megapixel, Color

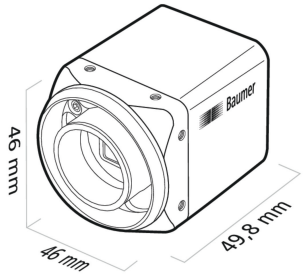
Article number: 11104889

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. 4,3 W @ 12 VDC and 27,0 fps approx. 4,7 W @ 48 VDC (PoE) and 27,0 fps
non-volatile memory	
flash memory size	128 kB
environmental conditions	
operating temperature	+5 … +50 °C

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
conformity	
conformity	CE RoHS

dimension drawing



2019-11-27 The product features and technical data specified do not express or imply any warranty. Technical modifications subject to change.