

**overview**

- 4000 × 3000 px
- Sony IMX226
- 1/1.7" CMOS
- 10 fps
- Gigabit Ethernet
- available



**technical data**

sensor information		image preprocessing	
sensor	Sony IMX226	analog controls	Gain (0 ... 20 dB) Offset (0 ... 255 LSB 12 Bit)
resolution	4000 × 3000 px	color models	Mono Raw Bayer RGB BGR
exposure time	0,0085 ... 60000 ms	<b>camera features</b>	
pixel size	1.85 × 1.85 µm	synchronization	free running trigger
shutter type	Rolling shutter Global reset shutter	trigger sources	Hardware software ActionCommand
sensor type	1/1.7" CMOS	trigger delay	0 ... 2 sec, tracking and buffering of up to 256 trigger signals
<b>acquisition formats</b>		internal image buffer	35 MB 1 image (Trigger Mode) 1 image (Free Running Mode)
image formats, interface frame rate max.	Full Frame, 4000 × 3000 px, max. 10 fps Binning 2×2, 2000 × 1500 px, max. 15 fps Binning 2×1, 2000 × 3000 px, max. 10 fps Binning 1×2, 4000 × 1500 px, max. 15 fps	<b>interfaces and connectors</b>	
image formats, acquisition frame rate max. (Burst Mode)	Full Frame, 4000 × 3000 px, max. 15 fps	data interface	Gigabit Ethernet, Transfer rate 1000 Mbits/sec, Fast Ethernet, Transfer Rate 100 Mbits/sec, Connector: 8P8C Modu- lar Jack (RJ45), screwable type
pixel formats	BayerRG8 BayerRG10 BayerRG12 BayerRG12 Packed Mono8 Mono10 Mono12 Mono12 Packed RGB8 BGR8	process interface	M8 / 8 pins (SACC-DSI-M8MS-8CON- M8-L180)
		power supply	M8 / 8 pins or PoE
		<b>mechanical data</b>	
		lens mount	C-mount
		width	29 mm

# VCXG-125C.R

Gigabit Ethernet, 12 Megapixel, Color

Article number: 11175752

## technical data

### mechanical data

height	29 mm
depth	49 mm
weight	≤ 120 g
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. 2,2 W @ 12 VDC and 10 fps approx. 2,7 W @ 48 VDC (PoE) and 10 fps
sealing	zinc die casting, nickel-plated, IP 40

### non-volatile memory

flash memory size	128 kB
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### environmental conditions

operating temperature	+5 ... +65 °C @ T = measurement point
humidity	0 ... 90 % (non-condensing)
protection class	IP 40

### digital I/Os

lines	1 input line 1 output line 2 general purpose lines
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### conformity

conformity	CE RoHS
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## dimension drawing

