

**overview**

- 1920 × 1080 px
- Sony IMX290
- 1/2" CMOS
- 58 fps
- Gigabit Ethernet
- available



**technical data**

sensor information		camera features	
sensor	Sony IMX290	trigger sources	Hardware software ActionCommand
resolution	1920 × 1080 px	trigger delay	0 ... 2 sec, tracking and buffering of up to 256 trigger signals
exposure time	0,015 ... 60000 ms	internal image buffer	95 MB 16 images (Trigger Mode) 1 image (Free Running Mode)
pixel size	2.9 × 2.9 µm	interfaces and connectors	
shutter type	Rolling shutter Global reset shutter	data interface	Gigabit Ethernet, Transfer rate 1000 Mb/s/sec, Fast Ethernet, Transfer Rate 100 Mb/s/sec, Connector: 8P8C Modular Jack (RJ45), screwable type
sensor type	1/2" CMOS	process interface	M8 / 8 pins (SACC-DSI-M8MS-8CON-M8-L180)
acquisition formats		power supply	M8 / 8 pins or PoE
image formats, interface frame rate max.	Full Frame, 1920 × 1080 px, max. 58 fps Binning 2×2, 960 × 540 px, max. 89 fps Binning 2×1, 960 × 1080 px, max. 58 fps Binning 1×2, 1920 × 540 px, max. 89 fps	mechanical data	
image formats, acquisition frame rate max. (Burst Mode)	Full Frame, 1920 × 1080 px, max. 89 fps	lens mount	C-mount
pixel formats	Mono8 Mono10 Mono12 Mono12 Packed	width	29 mm
image preprocessing		height	29 mm
analog controls	Gain (0 ... 48 dB) Offset (0 ... 255 LSB 12 Bit)	depth	49 mm
color models	Mono	weight	≤ 120 g
camera features		material	zinc die casting, nickel-plated, IP 40
synchronization	free running trigger	electrical data	
		voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
		power consumption	approx. 1,9 W @ 12 VDC and 58 fps approx. 2,4 W @ 48 VDC and 58 fps

# V CXG-22M.R

Gigabit Ethernet, 2,1 Megapixel, Monochrome

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## technical data

### non-volatile memory

flash memory size 128 kB

### environmental conditions

operating temperature +5 ... +65 °C @ T = measurement point

humidity 10 ... 90 % (non-condensing)

protection class IP 40

### digital I/Os

lines  
1 input line  
1 output line  
2 general purpose lines

### conformity

conformity  
CE  
RoHS  
EAC

## dimension drawing

