

overview

- 2448 × 2048 px
- Sony IMX264
- 2/3" CMOS
- 24 fps
- Gigabit Ethernet



technical data

sensor information		camera features	
sensor	Sony IMX264	trigger sources	Hardware software ActionCommand
resolution	2448 × 2048 px	trigger delay	0 ... 2 sec, tracking and buffering of up to 256 trigger signals
exposure time	0,001 ... 60000 ms	internal image buffer	115 MB 8 images (Trigger Mode) 1 image (Free Running Mode)
pixel size	3.45 × 3.45 µm	interfaces and connectors	
shutter type	Global shutter	data interface	Gigabit Ethernet, Transfer rate 1000 Mb/s, Fast Ethernet, Transfer Rate 100 Mb/s, Connector: 8P8C Modular Jack (RJ45), screwable type
sensor type	2/3" 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, 2448 × 2048 px, max. 24 fps Binning 2×2, 1224 × 1024 px, max. 35 fps Binning 2×1, 1224 × 2048 px, max. 35 fps Binning 1×2, 2448 × 1024 px, max. 35 fps	mechanical data	
pixel formats	Mono8 Mono10 Mono12 Mono12 Packed	lens mount	C-mount
image preprocessing		width	29 mm
analog controls	Gain (0 ... 48 dB) Offset (0 ... 255 LSB 12 Bit)	height	29 mm
color models	Mono	depth	49 mm
camera features		weight	≤ 120 g
synchronization	free running trigger	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)

V CXG-51M

Gigabit Ethernet, 5,0 Megapixel, Monochrome

Article number: 11165952

technical data

electrical data

power consumption	approx. 2,9 W @ 12 VDC and 23,5 fps approx. 3,1 W @ 48 VDC (PoE) and 23,5 fps
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non-volatile memory

flash memory size	128 kB
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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
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conformity

conformity	CE RoHS KC (MISP-REI-BKR-VCXG-51C) EAC
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dimension drawing

