

overview

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



technical data

sensor information

sensor	Sony IMX264
resolution	2448 × 2048 px
exposure time	0,001 ... 60000 ms
pixel size	3.45 × 3.45 µm
shutter type	Global shutter
sensor type	2/3" CMOS

acquisition formats

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
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pixel formats

- BayerRG8
- BayerRG10
- BayerRG12
- BayerRG12 Packed
- Mono8
- Mono10
- Mono12
- Mono12 Packed
- RGB8
- BGR8

image preprocessing

analog controls	Gain (0 ... 48 dB) Offset (0 ... 255 LSB 12 Bit)
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image preprocessing

color models	Mono Raw Bayer RGB
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camera features

synchronization	free running trigger
trigger sources	Hardware software ActionCommand
trigger delay	0 ... 2 sec, tracking and buffering of up to 256 trigger signals
internal image buffer	115 MB 8 images (Trigger Mode) 1 image (Free Running Mode)

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	M8 / 8 pins (SACC-DSI-M8MS-8CON-M8-L180)
power supply	M8 / 8 pins or PoE

mechanical data

lens mount	C-mount
width	29 mm
height	29 mm
depth	49 mm

VCXG-51C

Gigabit Ethernet, 5,0 Megapixel, Color

Article number: 11165953

technical data

mechanical data

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. 2,9 W @ 12 VDC and 23,5 fps approx. 3,1 W @ 48 VDC (PoE) and 23,5 fps

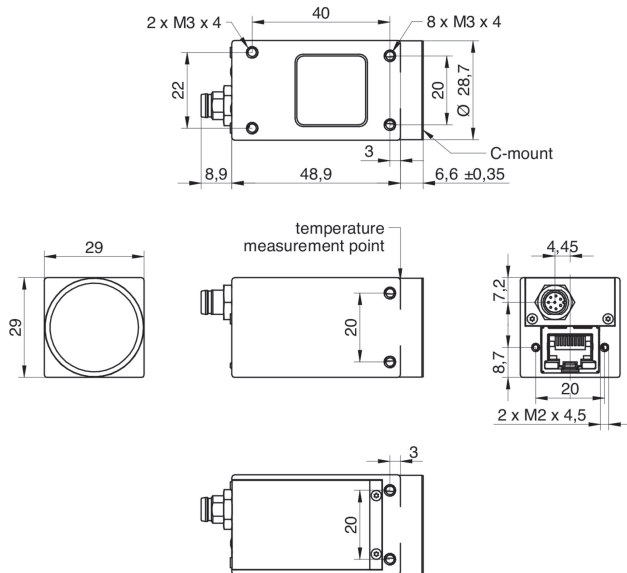
non-volatile memory

flash memory size	128 kB
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environmental conditions

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



environmental conditions

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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