

overview

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



technical data

sensor information		image preprocessing	
sensor	Sony IMX264	analog controls	Gain (0 ... 48 dB) Offset (0 ... 255 LSB 12 Bit)
resolution	2448 × 2048 px	color models	Mono RGB BGR
exposure time	0,001 ... 60000 ms	camera features	
pixel size	3.45 × 3.45 μm	synchronization	free running trigger
shutter type	Global shutter	trigger sources	Hardware software ActionCommand
sensor type	2/3" CMOS	trigger delay	0 ... 2 sec, tracking and buffering of up to 256 trigger signals
acquisition formats		internal image buffer	115 MB 8 images (Trigger Mode) 1 image (Free Running Mode)
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	interfaces and connectors	
image formats, acquisition frame rate max. (Burst Mode)	Full Frame, 2448 × 2048 px, max. 36 fps	data interface	Gigabit Ethernet, Transfer rate 1000 Mbts/sec, Fast Ethernet, Transfer rate 100 Mbts/sec, Connector: M12 / 8 pol x-coded, screwable type
pixel formats	BayerRG8 BayerRG10 BayerRG12 BayerRG12 Packed Mono8 Mono10 Mono12 Mono12 Packed RGB8 BGR8	process interface	M12 / 12 pins a-coded (SACC-CI-M12MS-12CON-L180)
		power supply	via M12/12 pins a-coded or PoE
		mechanical data	
		lens mount	C-mount
		width	40 mm
		height	40 mm

V CXG-51C.I.XT

Gigabit Ethernet, 5,0 Megapixel, Color

Article number: 11188952

technical data

mechanical data

depth	51 mm
weight	≤ 137 g
material	aluminum, hard-anodized

electrical data

voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
power consumption	approx. 2,5 W @ 12 VDC and 24 fps approx. 3,0 W @ 48 VDC (PoE) and 24 fps

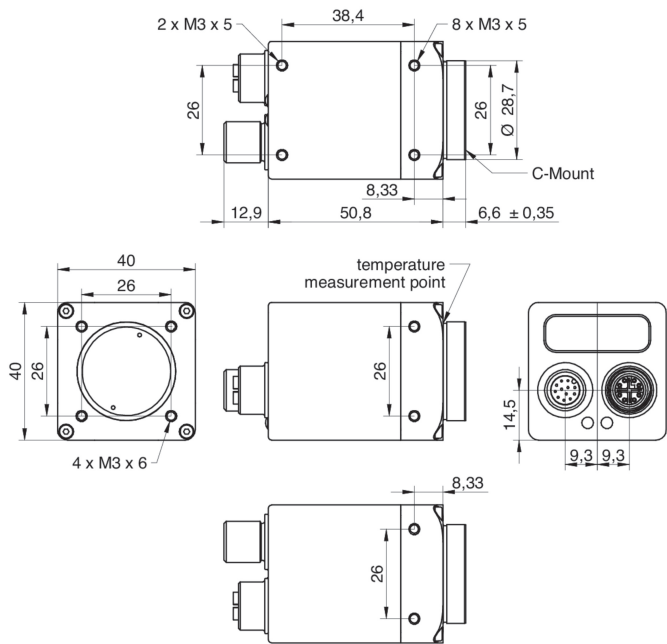
non-volatile memory

flash memory size	128 kB
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environmental conditions

operating temperature	-40 ... +70 °C @ T = measurement point
humidity	10 ... 90 % (non-condensing)

dimension drawing



environmental conditions

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)
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digital I/Os

lines	4 input lines 4 output lines with pulse width modulation (PWM) (max. 48 V / max. 2,5 A)
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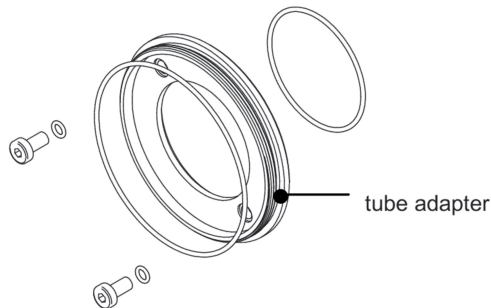
conformity

conformity	CE RoHS EAC
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Principle

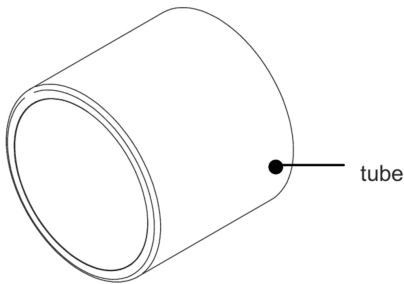
Principle

Optional accessories for protection class IP65/67:



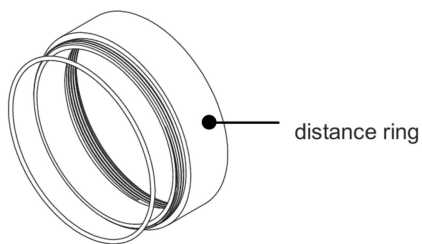
tube adapter

- Ø 49,5 mm, hard-anodized, incl. sealing and screws (VCXG.I 11185373)
- Ø 65 mm, hard-anodized, incl. sealing and screws (VCXG.I 11185377; VLXT 11193125)



tube

- Ø 49,5 mm, length 44 mm, hard-anodized, cover glass PMMA (11185370)
- Ø 65 mm, length 58 mm, hard-anodized, cover glass PMMA (11185374)
- Ø 49,5 mm, length 44 mm, hard-anodized, tempered laminated safety glass (11195425)
- Ø 65 mm, length 58 mm, hard-anodized, tempered laminated safety glass (11195426)



distance ring

- Ø 49,5 mm, length 12 mm, hard-anodized, incl. sealing (11185371)
- Ø 49,5 mm, length 6 mm, hard-anodized, incl. sealing (11185372)
- Ø 65 mm, length 12 mm, hard-anodized, incl. sealing (11185375)
- Ø 65 mm, length 6 mm, hard-anodized, incl. sealing (11185376)
- Ø 65 mm, length 36 mm, hard-anodized, incl. sealing (111988906)