

**overview**

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



**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
--	---

**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)
-----------------	---

**image preprocessing**

color models	Mono Raw Bayer RGB
--------------	--------------------------

**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

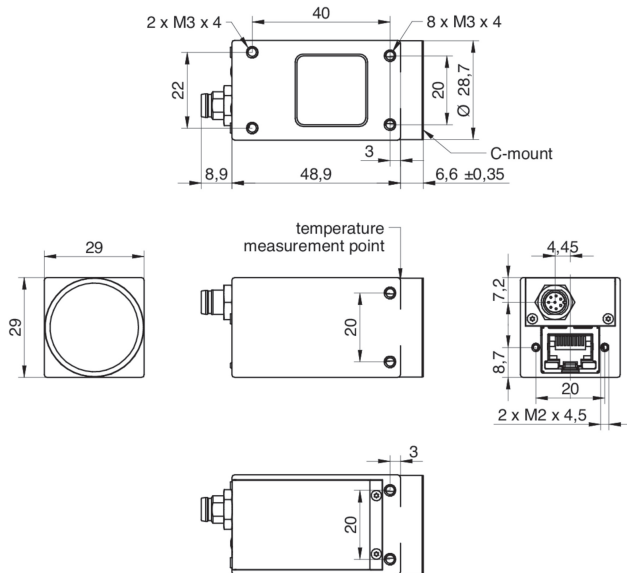
### non-volatile memory

flash memory size	128 kB
-------------------	--------

### environmental conditions

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

### 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
-------	--

### conformity

conformity	CE RoHS KC (MISP-REI-BkR-VCXG-51C) EAC
------------	---