



sensor information	
sensor	Sony IMX265
resolution	2048 × 1536 px
exposure time	0,001 ... 60000 ms
pixel size	3.45 × 3.45 μm
shutter type	Global shutter
sensor type	1/1.8" CMOS
acquisition formats	
image formats, interface	Full Frame, 2048 × 1536 px, max. 39 fps
frame rate max.	Binning 2×2, 1024 × 768 px, max. 55 fps Binning 2×1, 1024 × 1536 px, max. 55 fps Binning 1×2, 2048 × 768 px, max. 55 fps
image formats, acquisition	Full Frame, 2048 × 1536 px, max. 55 fps
frame rate max. (Burst Mode)	
pixel formats	Mono8 Mono10 Mono12 Mono12 Packed
image preprocessing	
analog controls	Gain (0 ... 48 dB) Offset (0 ... 255 LSB 12 Bit)
color models	Mono
interfaces and connectors	
data interface	Gigabit Ethernet, Transfer rate 1000 Mbts/sec, Fast Ethernet, Transfer Rate 100 Mbts/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

mechanical data	
depth	49 mm
weight	≤ 120 g
material	zinc die casting, nickel-plated, IP 40
electrical data	
voltage supply	12 ... 24 V DC (external power supply)
range +Vs	36 ... 57 V DC (Power over Ethernet)
power consumption	approx. 2,6 W @ 12 VDC and 39,5 fps approx. 3,2 W @ 48 VDC (PoE) and 39,5 fps
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 KC (MISP-REI-BkR-VCXG-51C) EAC

VCXG-32M

Gigabit Ethernet, 3,1 Megapixel, Monochrome

Article number: 11165949

dimension drawing

