



USB
VISION

GEN*i*CAM



sensor information	
sensor	Sony IMX265
type	1/1.8" progressive scan CMOS
resolution	2048 × 1536 px
exposure time	0,05 ... 60000 ms
pixel size	3.45 × 3.45 µm
acquisition formats	
image formats, frame rate max.	Full Frame, 2048 × 1536 px, max. 55,5 fps Binning 2×2, 1024 × 768 px, max. 55,5 fps Binning 2×1, 1024 × 1536 px, max. 55,5 fps Binning 1×2, 2048 × 768 px, max. 55,5 fps
pixel formats	BayerRG8 BayerRG10 BayerRG12 BayerRG12 Packed Mono8 Mono10 Mono12 Mono12 Packed RGB8 BGR8
image pre-processing	
analog controls	Gain (0 ... 48 dB) Offset (0 ... 255 LSB 12 Bit)
color models	Mono Raw Bayer RGB
interfaces and connectors	
data interface	USB 3.0, Transfer Rate 5000 Mbits/sec, Connector: USB 3.0 Micro B
process interface	M8 / 8 pins (SACC-DSI-M8FS-8CONM10-L180 SH)
power supply	via USB 3.0 interface
mechanical data	
material	zinc die casting, nickel-plated, IP 40

mechanical data	
lens mount	C-mount
width	29 mm
height	29 mm
depth	38 mm
weight	≤ 90 g
electrical data	
power consumption	approx. 2,4 W @ 55,5 fps
environmental conditions	
operating temperature	+5 ... +65 °C
humidity	10 ... 90 % (non-condensing)
protection class	IP 40
digital I/Os	
lines	1 input line 1 output line 2 general purpose lines

VCXU-32C

USB 3.0, 3,1 Megapixel, Color

Article number: 11165815

dimension drawing

