



USB³
VISION **GEN*i*CAM**



sensor information

sensor	Sony IMX249
resolution	1920 × 1200 px
exposure time	0,057 ... 60000 ms
pixel size	5.86 × 5.86 µm
shutter type	Global shutter
sensor type	1/1.2" CMOS

acquisition formats

image formats,	Full Frame, 1920 × 1200 px, max. 38 fps
interface	Binning 2×2, 960 × 600 px, max. 38 fps
frame rate max.	Binning 2×1, 960 × 1200 px, max. 38 fps
	Binning 1×2, 1920 × 600 px, max. 38 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)
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-M8MS-8CON-M8-L180)
power supply	via USB 3.0 interface

mechanical data

lens mount	C-mount
------------	---------

mechanical data

width	29 mm
height	29 mm
depth	38 mm
weight	≤ 90 g
material	zinc die casting, nickel-plated, IP 40

electrical data

power consumption	approx. 2,4 W @ 38,5 fps
operating voltage	5 VDC (via USB3.0 interface)

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

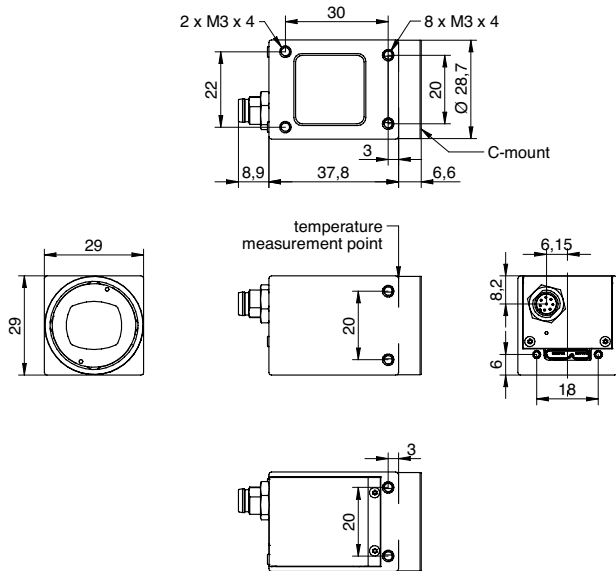
conformity	CE
	RoHS
	EAC

VCXU-24C

USB 3.0, 2,3 Megapixel, Color

Article number: 11165816

dimension drawing



945 East 11th Avenue Tampa, FL 33605

Phone: (813) 984-0125

Contact: Sales@pyramidimaging.com

<https://pyramidimaging.com>