



**GIG** VISION **GEN<i>i>CAM**



#### sensor information

sensor	ON Semiconductor PYTHON1300
resolution	1280 × 1024 px
exposure time	0,04 ... 1000 ms
pixel size	4.8 × 4.8 μm
shutter type	Global shutter
sensor type	1/2" CMOS

#### acquisition formats

image formats, interface	Full Frame, 1280 × 1024 px, max. 61 fps Binning 2×2, 640 × 512 px, max. 61 fps
frame rate max.	Binning 2×1, 640 × 1024 px, max. 61 fps Binning 1×2, 1280 × 512 px, max. 61 fps
pixel formats	Mono8 Mono10

#### image preprocessing

analog controls	Gain (0 ... 12 dB) Offset (0 ... 63 LSB 10 Bit)
color models	Mono

#### 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 / 4 pins (SACC-DSI-M 8MS-4CON-L180)
power supply	M8 / 4 pins

#### mechanical data

lens mount	CS-mount
width	29 mm
height	29 mm
depth	49 mm
weight	≤ 120 g
material	zinc die casting, nickel-plated, IP 40

#### electrical data

voltage supply range +Vs	12 ... 24 V DC (external power supply)
power consumption	approx. 2,2 W @ 12 VDC and 61 fps

#### non-volatile memory

flash memory size	128 kB
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#### 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
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#### conformity

conformity	CE RoHS EAC
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# VEXG-13M

Gigabit Ethernet, 1,3 Megapixel, Monochrome

Article number: 11151562

## dimension drawing

