Baumer
Passion for Sensors

Industrial cameras

VCXG-13C

Gigabit Ethernet, 1,3 Megapixel, Color
Article number: 11164974

GiGE VISION GEN<i>CAM

CE

sensor information	
sensor	ON Semiconductor Python 1300
type	1/2” progressive scan CMOS
resolution	1280 × 1024 px
exposure time	0,02 ... 1000 ms
pixel size	4.8 × 4.8 µm

acquisition formats	
image formats, frame rate max.	Full Frame, 1280 × 1024 px, max. 94,0 fps Binning 2×2, 640 × 512 px, max. 145,0 fps Binning 2×1, 640 × 1024 px, max. 145,0 fps Binning 1×2, 1280 × 512 px, max. 145,0 fps
pixel formats	BayerRG8 BayerRG10 Mono8 Mono10 RGB8 BGR8

image pre-processing	
analog controls	Gain (0 … 12 dB) Offset (0 … 63 LSB 10 Bit)
color models	Mono Raw Bayer RGB

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-M8FS-8CONM10-L180 SH)
power supply	M8 / 8 pins or PoE

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

electrical data	
power consumption	approx. 2,6 W @ 12 VDC and 94 fps approx. 3,2 W @ 48 VDC (PoE) and 94 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

EN/070616

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dimension drawing