



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



sensor information

sensor	Sony ICX445
resolution	1288 × 960 px
exposure time	0,004 ... 60000 ms
pixel size	3.75 × 3.75 µm
shutter type	Global shutter
sensor type	1/3" CCD

acquisition formats

image formats, interface frame rate max.	Full Frame, 1288 × 960 px, max. 42 fps
pixel formats	Mono8 BayerRG8 BayerRG12 RGB8 Packed BGR8 Packed YUV411 Packed YUV422 Packed YUV444 Packed

image preprocessing

analog controls	Gain (0 ... 29 dB) Offset (0 ... 1023 LSB 14 Bit)
color models	RGB YUV Mono
color processing	Integrated color processor for high quality color calculation

interfaces and connectors

data interface	Gigabit Ethernet, Transfer rate 1000 Mbits/sec, Fast Ethernet, Transfer Rate 100 Mbits/sec, Connector: SACC-CI-M12FS-8CON-L180-10G
process interface / power supply	SACC-CI-M12MS-8CON-SH TOR 32 / 8 pins

mechanical data

lens mount	C-mount
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mechanical data

width	46 mm
height	46 mm
depth	49,8 mm
weight	≤ 185 g ≤ 220 g (incl. tube)
material	aluminum, IP 65 / 67

electrical data

voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
power consumption	approx. 3,6 W @ 12 VDC and 42,0 fps approx. 3,8 W @ 48 VDC (PoE) and 42,0 fps

non-volatile memory

flash memory size	128 kB
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environmental conditions

operating temperature	+5 ... +50 °C
humidity	10 ... 90 % (non-condensing)
protection class	IP 40 IP 54 (with mounted tube and cable) IP 65 (with mounted tube and cable) IP 67 (with mounted tube and cable) IP 69K (with stainless steel housing accessory)

digital I/Os

lines	1 input line 3 output lines
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conformity

conformity	CE RoHS EAC
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VLG-12C.I

Gigabit Ethernet, 1,2 Megapixels, Color

Article number: 11104887

dimension drawing

