



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



sensor information

sensor	ON Semiconductor KAI-08050
resolution	3296 × 2472 px
exposure time	0,007 ... 1000 ms
pixel size	5.5 × 5.5 μm
shutter type	Global shutter
sensor type	4/3" CCD

acquisition formats

image formats, interface	Full Frame, 3296 × 2472 px, max. 16 fps
frame rate max.	Binning 2×2, 1648 × 1236 px, max. 28 fps
	Binning 1×2, 3296 × 1236 px, max. 28 fps
	Binning 2×1, 1648 × 2472 px, max. 16 fps
pixel formats	Mono8
	Mono10
	Mono12

image preprocessing

analog controls	Gain (0 ... 26 dB)
color adjustment	Offset (0 ... 1023 LSB 14 Bit)
color models	Mono

interfaces and connectors

data interface	Dual Gigabit Ethernet, Transfer rate 2000 Mbits/sec, Connector: 2 x 8P8C Modular Jack (RJ45), screwable type
process interface	M8 / 8 pins
power supply	M8 / 3 pins

mechanical data

lens mount	C-mount (F-mount on request)
width	52 mm
height	52 mm
depth	72 mm
weight	≤ 285 g
material	housing: aluminum

electrical data

voltage supply	20 ... 30 V DC (external power supply)
range +Vs	38 ... 57 V DC (Power over Ethernet)
power consumption	approx. 12 W @ 24 VDC and 16,0 fps
	approx. 12,5 W @ 48 VDC (PoE) and 16,0 fps

environmental conditions

operating temperature	+5 ... +60 °C
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

conformity

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	KC (R-REI-BkR-SXG80)
	RoHS
	FCC
	EAC

dimension drawing

