



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



#### sensor information

sensor	ON Semiconductor KAI-02050
resolution	1600 × 1200 px
exposure time	0,005 ... 1000 ms
pixel size	5.5 × 5.5 μm
shutter type	Global shutter
sensor type	2/3" CCD

#### acquisition formats

image formats, interface	Full Frame, 1600 × 1200 px, max. 68 fps
frame rate max.	Binning 2×2, 800 × 600 px, max. 123 fps
	Binning 1×2, 1600 × 600 px, max. 123 fps
	Binning 2×1, 800 × 1200 px, max. 68 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
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. 11 W @ 24 VDC and 68,0 fps
	approx. 11,5 W @ 48 VDC (PoE) and 68,0 fps

#### environmental conditions

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

#### conformity

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

#### dimension drawing

