



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



sensor information

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

acquisition formats

image formats, frame rate max.	Full Frame, 1600 × 1200 px, max. 68,0 fps Binning 2×2, 800 × 600 px, max. 123,0 fps Binning 1×2, 1600 × 600 px, max. 123,0 fps Binning 2×1, 800 × 1200 px, max. 68,0 fps
--------------------------------	---

pixel formats	Mono8 Mono10 Mono12
---------------	---------------------------

image pre-processing

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), Screw lock type
process interface	M8 / 8 pins
power supply	M8 / 3 pins

mechanical data

material	housing: aluminum
lens mount	C-mount
width	52 mm
height	52 mm
depth	72 mm
weight	≤ 285 g

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

dimension drawing

