



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



#### sensor information

sensor	ON Semiconductor KAI-02150
type	2/3" interline progressive scan CCD
resolution	1920 × 1080 px
exposure time	0,005 ... 1000 ms
color filter	RGB Bayer Mosaic
pixel size	5.5 × 5.5 μm

#### acquisition formats

image formats, frame rate max.	Full Frame, 1920 × 1080 px, max. 64,0 fps
pixel formats	BayerRG8 BayerRG10 BayerRG12

#### image pre-processing

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

#### 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 (F-mount on request)
width	52 mm
height	52 mm
depth	72 mm
weight	≤ 285 g

#### electrical data

voltage supply range +Vs	20 ... 30 V DC (external power supply) 38 ... 57 V DC (Power over Ethernet)
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#### electrical data

power consumption	approx. 11 W @ 24 VDC and 64,0 fps approx. 11,5 W @ 48 VDC (PoE) and 64,0 fps
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#### environmental conditions

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

#### dimension drawing

