



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



sensor information

sensor	CMOSIS CMV4000 V3
type	1" global shutter CMOS
resolution	2048 × 2048 px
exposure time	0,03 ... 1000 ms
pixel size	5.5 × 5.5 μm

acquisition formats

image formats, frame rate max.	Full Frame, 2048 × 2048 px, max. 59,0 fps
pixel formats	BayerGB8 BayerGB10 BayerGB10 Packed

image pre-processing

analog controls	Gain (0 ... 12 dB) Offset (0 ... 63 LSB 10 Bit)
color models	Raw Bayer
color processing	NA

interfaces and connectors

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

mechanical data

material	housing: aluminum
lens mount	C-mount
width	60 mm
height	60 mm
depth	52,4 mm
weight	≤ 340 g

electrical data

voltage supply	12 ... 24 V DC (external power supply)
range +Vs	36 ... 57 V DC (Power over Ethernet)

electrical data

power consumption	approx. 6,2 W @ 24 VDC approx. 5,2 W @ 48 VDC (PoE)
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environmental conditions

operating temperature	+5 ... +50 °C
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

dimension drawing

