



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



sensor information

sensor	CMOSIS CMV2000
type	2/3" global shutter CMOS
resolution	2048 × 1088 px
exposure time	0,02 ... 1000 ms
pixel size	5.5 × 5.5 µm

acquisition formats

image formats, frame rate max.	Full Frame, 2048 × 1088 px, max. 105.0 fps Binning 2×1, 1024 × 1088 px, max. 211.0 fps Subsampling 2×2, 1024 × 544 px, max. 421.0 fps
pixel formats	Mono 8 Mono10 Mono12

image pre-processing

analog controls	Gain (0 ... 12 dB) Offset (0 ... 255 LSB)
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 (F-mount on request)
width	52 mm
height	52 mm
depth	55 mm
weight	≤ 185 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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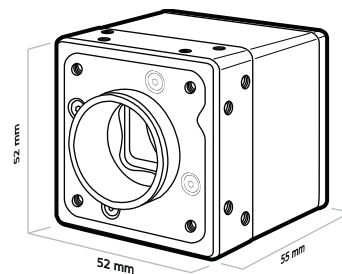
electrical data

power consumption	approx. 7.7 W @ 24 VDC and 105.0 fps approx. 8.9 W @ 48 VDC (PoE) and 105.0 fps
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environmental conditions

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

dimension drawing



Distribution in the UK & Ireland



**Characterisation,
Measurement &
Analysis**

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