



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



Distribution in the UK & Ireland



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**Characterisation,
Measurement &
Analysis**

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sensor information

sensor	CMOSIS CMV4000
type	1" progressive scan CMOS
resolution	2040 × 2044 px
exposure time	0,02 ... 1000 ms
pixel size	5.5 × 5.5 µm

acquisition formats

image formats, frame rate max.	Full Frame, 2040 x 2044 px, max. 29,0 fps
pixel formats	Mono 8 Mono12 Mono12 Packed

image pre-processing

analog controls	Gain (0 ... 18 dB) Offset (0 ... 255 LSB 12 Bit)
color models	Mono

interfaces and connectors

data interface	Gigabit Ethernet, Transfer rate 1000 Mbits/sec, Fast Ethernet, Transfer Rate 100 Mbits/sec, Connector: SACC-CI-M12FS-8CON-L180-10G
process interface / power supply	SACC-CI-M12MS-8CON-SH TOR 32 / 8 pins

mechanical data

material	aluminum, IP 65 / 67
lens mount	C-mount
width	46 mm
height	46 mm
depth	49,8 mm
weight	≤ 185 g ≤ 220 g (incl. tube)

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. 3.6 W @ 12 VDC and 29.0 fps approx. 3.8 W @ 48 VDC (PoE) and 29.0 fps
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environmental conditions

operating temperature	+5 ... +50 °C
humidity	10 ... 90 % (non-condensing)
protection class	IP 65 / IP 67

digital I/Os

lines	1 input line 3 output lines
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dimension drawing

