



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



Distribution in the UK & Ireland



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**Characterisation,  
Measurement &  
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#### sensor information

sensor	CMOSIS CMV2000
type	2/3" progressive scan CMOS
resolution	2040 × 1084 px
exposure time	0,015 ... 1000 ms
pixel size	5.5 × 5.5 µm

#### acquisition formats

image formats, frame rate max.	Full Frame, 2040 x 1084 px, max. 55,0 fps
pixel formats	Mono 8 BayerRG8 BayerRG12 RGB8 Packed BGR8 Packed YUV411 Packed YUV422 Packed YUV444 Packed

#### image pre-processing

analog controls	Gain (0 ... 18 dB) Offset (0 ... 255 LSB 12 Bit)
color models	RGB YUV Mono
color processing	Integrated color processor for high quality color calculation

#### 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

#### mechanical data

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)
power consumption	approx. 3.5 W @ 12 VDC and 55.0 fps approx. 3.8 W @ 48 VDC (PoE) and 55.0 fps

#### 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

