



Distribution in the UK & Ireland



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**Characterisation,  
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#### sensor information

sensor	SONY ICX445
type	1/3" progressive scan CCD, Exview HAD technology
resolution	1288 × 960 px
exposure time	0,004 ... 60000 ms
pixel size	3.75 × 3.75 µm

#### acquisition formats

image formats, frame rate max.	Full Frame, 1288 x 960 px, max. 42.0 fps
pixel formats	Mono 8 Mono12 Mono12 Packed

#### image pre-processing

analog controls	Gain (0 ... 26 dB) Offset (0 ... 1023 LSB 14 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 range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
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#### electrical data

power consumption	approx. 3.6 W @ 12 VDC and 42.0 fps approx. 3.8 W @ 48 VDC (PoE) and 42.0 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

