



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 × 2044 px, max. 29,0 fps
pixel formats	Mono8 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. 3,6 W @ 12 VDC and 29,0 fps approx. 3,8 W @ 48 VDC (PoE) and 29,0 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

