



### sensor information

sensor	ams (CMOSIS) CMV4000
resolution	2040 × 2044 px
exposure time	0,02 ... 1000 ms
pixel size	5.5 × 5.5 μm
shutter type	Global shutter
sensor type	1" CMOS

### acquisition formats

image formats, interface frame rate max.	Full Frame, 2040 × 2044 px, max. 29 fps
pixel formats	Mono8 Mono12 Mono12 Packed

### image preprocessing

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 Mb/s/sec, Fast Ethernet, Transfer Rate 100 Mb/s/sec, Connector: 8P8C Modular Jack (RJ45), screwable type
process interface	SACC-DSI-M8FS-3CON-M10-L180 SH
power supply	SACC-DSI-M 8MS-6CON-L180 SH

### mechanical data

lens mount	C-mount
width	33 mm
height	33 mm
depth	48 mm
weight	≤ 150 g
material	zinc die casting, nickel-plated, IP 40

### 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. 3,7 W @ 48 VDC (PoE) and 23,5 fps

### non-volatile memory

flash memory size	128 kB
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### environmental conditions

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

### digital I/Os

lines	1 input line 3 output lines
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### conformity

conformity	CE RoHS
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### dimension drawing

