



sensor information	
sensor	SONY ICX274
type	1/1.8" progressive scan CCD
resolution	1624 × 1228 px
exposure time	0,004 ... 60000 ms
pixel size	4.4 × 4.4 μm
acquisition formats	
image formats, frame rate max.	Full Frame, 1624 x 1228 px, max. 27.0 fps
pixel formats	Mono 8 BayerRG8 BayerRG12 RGB8 Packed BGR8 Packed YUV411 Packed YUV422 Packed YUV444 Packed
image pre-processing	
analog controls	Gain (0 ... 26 dB) Offset (0 ... 1023 LSB 14 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: 8P8C Modular Jack (RJ45), screw lock type
process interface	SACC-DSI-M8FS-3CON-M10-L180 SH
power supply	SACC-DSI-M 8MS-6CON-L180 SH
mechanical data	
material	aluminum, IP 40
lens mount	C-mount

mechanical data	
width	33 mm
height	33 mm
depth	48 mm
weight	≤ 90 g
electrical data	
voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
power consumption	approx. 4.3 W @ 12 VDC and 27.0 fps approx. 4.7 W @ 48 VDC (PoE) and 27.0 fps
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
dimension drawing	

