



sensor information

sensor	SONY ICX618
type	1/4" progressive scan CCD, Exview HAD technology
resolution	656 × 490 px
exposure time	0,004 ... 60000 ms
pixel size	5.6 × 5.6 μm

acquisition formats

image formats, frame rate max.	Full Frame, 656 x 490 px, max. 160.0 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: 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
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)
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electrical data

power consumption	approx. 3.4 W @ 12 VDC and 160.0 fps approx. 3.7 W @ 48 VDC (PoE) and 160.0 fps
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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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dimension drawing

