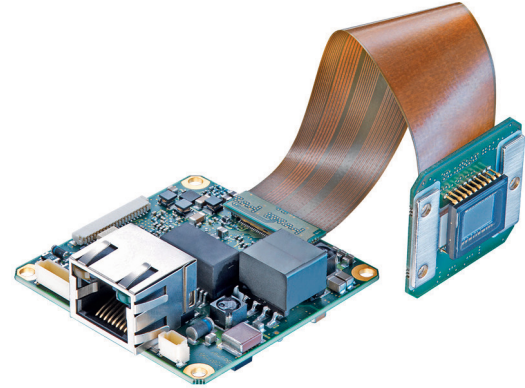


overview

- 1624 × 1228 px
- Sony ICX274
- 1/1.8" CCD
- 27 fps
- Gigabit Ethernet
- Phase-Out starting 09/19, alternative via sales



technical data

sensor information		camera features	
sensor	Sony ICX274	sequencer parameter	exposure time gain factor output line ROI Offset x ROI Offset y
resolution	1624 × 1228 px	digital inputs	1 input line
pixel size	4.4 × 4.4 µm	digital outputs	3 output lines
shutter type	Global shutter	internal image buffer	120 MB
sensor type	1/1.8" CCD	interfaces and connectors	
acquisition formats		data interface	Gigabit Ethernet, Transfer rate 1000 Mb/s/sec, Fast Ethernet, Transfer rate 100 Mb/s/sec, Connector: 8P8C Modular Jack (RJ45)
image formats, interface frame rate max.	Full Frame, 1624 × 1228 px, max. 27 fps	process interface	JSTBM08B-SRSS-TB 8 pins
pixel formats	Mono8 Mono12 Mono12 Packed	power supply	JSTBM03B-SRSS-TB 3 pins
image preprocessing		mechanical data	
analog controls	Gain (0 ... 29 dB) Offset (0 ... 1023 LSB 14 Bit)	lens mount	C-mount / S-mount (adapter)
color models	Mono	width	28,5 mm (sensor print) 48 mm (system print)
camera features		height	28,5 mm (sensor print) 48 mm (system print)
synchronization	free running trigger	weight	≤ 30 g
trigger sources	Hardware software ActionCommand	material	without housing
trigger delay	0 ... 2 sec, tracking and buffering of up to 512 trigger signals	electrical data	
sequencer	Automated control for series of images using different sets of parameters	voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)

technical data

electrical data

power consumption	approx. 4,3 W @ 12 VDC and 27,0 fps
	approx. 4,7 W @ 48 VDC (PoE) and 27,0 fps

non-volatile memory

flash memory size	128 kB
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environmental conditions

operating temperature	Depends on the thermal encapsulation ($T_{\max} = 70\text{ °C}$ @ Measurement Point)
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environmental conditions

humidity	10 ... 90 % (non-condensing)
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digital I/Os

lines	1 input line
	3 output lines

conformity

conformity	CE
	RoHS
	EAC

dimension drawing

