

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
exposure time	0,004 ... 60000 ms	digital outputs	3 output lines
pixel size	4.4 × 4.4 µm	internal image buffer	120 MB
shutter type	Global shutter	interfaces and connectors	
sensor type	1/1.8" CCD	data interface	Gigabit Ethernet, Transfer rate 1000 Mbits/sec, Fast Ethernet, Transfer Rate 100 Mbits/sec, Connector: SACC-CI- M12FS-8CON-L180-10G
acquisition formats		process interface / power supply	SACC-CI-M12MS-8CON-SH TOR 32 / 8 pins
image formats, interface frame rate max.	Full Frame, 1624 × 1228 px, max. 27 fps	mechanical data	
pixel formats	Mono8 Mono12 Mono12 Packed	lens mount	C-mount
image preprocessing		width	46 mm
analog controls	Gain (0 ... 29 dB) Offset (0 ... 1023 LSB 14 Bit)	height	46 mm
color models	Mono	depth	49,8 mm
camera features		weight	≤ 185 g ≤ 220 g (incl. tube)
synchronization	free running trigger	material	aluminum, IP 65 / 67
trigger sources	Hardware software ActionCommand	electrical data	
trigger delay	0 ... 2 sec, tracking and buffering of up to 512 trigger signals	voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
sequencer	Automated control for series of images using different sets of parameters		

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	+5 ... +50 °C
humidity	10 ... 90 % (non-condensing)
protection class	IP 40 IP 54 (with mounted tube and cable) IP 65 (with mounted tube and cable) IP 67 (with mounted tube and cable) IP 69K (with stainless steel housing accessory)

digital I/Os

lines	1 input line 3 output lines
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conformity

conformity	CE RoHS
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dimension drawing

