

overview

- 656 × 494 px
- Sony ICX414
- 1.2" CCD
- 56 fps
- Gigabit Ethernet
- Phase-Out starting 04/19, alternative via sales



technical data

sensor information		camera features	
sensor	Sony ICX414	sequencer	Automated control for series of images using different sets of parameters
resolution	656 × 494 px	sequencer parameter	exposure time gain factor
exposure time	0,004 ... 60000 ms	digital inputs	1 input line (with Debouncer)
pixel size	9.9 × 9.9 µm	digital outputs	1 output line
shutter type	Global shutter	internal image buffer	32 MB
sensor type	1.2" CCD	interfaces and connectors	
acquisition formats		data interface	Gigabit Ethernet, Transfer rate 1000 Mb/s, Connector: 8P8C Modular Jack (RJ45), screwable type
image formats, interface frame rate max.	Full Frame, 656 × 494 px, max. 56 fps Binning 2×2, 328 × 247 px, max. 105 fps Binning 1×2, 656 × 247 px, max. 105 fps Binning 2×1, 328 × 494 px, max. 56 fps	process interface	M8 / 4 pins
pixel formats	Mono8 Mono12 Mono12 Packed	power supply	M8 / 3 pins
image preprocessing		mechanical data	
analog controls	Gain (0 ... 20 dB) Offset (0 ... 255 LSB 12 Bit)	lens mount	C-mount
color models	Mono	width	36 mm
camera features		height	36 mm
synchronization	free running trigger sequencer	depth	48 mm
trigger sources	Hardware software ActionCommand	weight	≤ 90 g
trigger delay	0 ... 2 sec, tracking and buffering of up to 512 trigger signals	material	housing: aluminum
		electrical data	
		voltage supply range +Vs	8 ... 30 V DC
		power consumption	approx. 4,0 W
		environmental conditions	
		operating temperature	+5 ... +50 °C
		humidity	10 ... 90 % (non-condensing)

technical data

environmental conditions

protection class IP 40

conformity

conformity CE
RoHS
FCC
UL
EAC

dimension drawing

