

overview

- 656 × 490 px
- Sony ICX414
- 1.2" CCD
- 93 fps
- Gigabit Ethernet
- Phase-Out starting 04/19, alternative via sales



technical data

sensor information		camera features	
sensor	Sony ICX414	synchronization	free running trigger
resolution	656 × 490 px	trigger sources	Hardware software ActionCommand
exposure time	0,004 ... 60000 ms	trigger delay	0 ... 2 sec, tracking and buffering of up to 512 trigger signals
color filter	RGB Bayer Mosaic	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 Mbits/sec, Connector: 8P8C Modular Jack (RJ45), screwable type
image formats, interface frame rate max.	Full Frame, 656 × 490 px, max. 93 fps	process interface	M8 / 4 pins
pixel formats	Mono8 BayerRG8 BayerRG12 RGB8 Packed BGR8 Packed YUV411 Packed YUV422 Packed YUV444 Packed	power supply	M8 / 3 pins
image preprocessing		mechanical data	
analog controls	Gain (0 ... 20 dB) Offset (0 ... 1023 LSB 14 Bit)	lens mount	C-mount
color models	RGB YUV Mono	width	36 mm
color processing	Integrated color processor for high quality color calculation	height	36 mm
		depth	48 mm
		weight	≤ 90 g
		material	housing: aluminum
		electrical data	
		voltage supply range +Vs	8 ... 30 V DC
		power consumption	approx. 4,0 W

technical data

environmental conditions

operating temperature	+5 ... +50 °C
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

conformity

conformity	CE
	RoHS
	FCC
	UL
	EAC

dimension drawing

