

overview

- 656 × 490 px
- Sony ICX424
- 1/3" CCD
- 90 fps
- Gigabit Ethernet
- available



technical data

sensor information		camera features	
sensor	Sony ICX424	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	7.4 × 7.4 μm	digital outputs	1 output line
shutter type	Global shutter	internal image buffer	32 MB
sensor type	1/3" CCD	interfaces and connectors	
acquisition formats		data interface	Gigabit Ethernet, Transfer rate 1000 Mbits/sec, Connector: M12 / 8 pins, screwable type
image formats, interface frame rate max.	Full Frame, 656 × 490 px, max. 90 fps Full Frame HQ, 656 × 490 px, max. 46 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 ... 255 LSB 12 Bit)	lens mount	C-mount
color models	RGB YUV Mono	diameter	65 mm
color processing	Integrated color processor for high quality color calculation	depth	50 mm
		weight	≤ 360 g
		material	housing: aluminum
		electrical data	
		voltage supply range +Vs	8 ... 30 V DC
		power consumption	approx. 3,5 W
		environmental conditions	
		operating temperature	+5 ... +50 °C

technical data

environmental conditions

humidity 10 ... 90 % (non-condensing)

protection class IP 67

conformity

conformity CE
RoHS
FCC
UL

dimension drawing

