

overview

- 656 × 494 px
- Sony ICX424
- 1/3" CCD
- 90 fps
- Gigabit Ethernet
- Phase-Out starting 04/19, alternative via sales



technical data

sensor information		camera features		
sensor	Sony ICX424	synchronization	free running trigger sequencer	
resolution	656 × 494 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	
pixel size	7.4 × 7.4 μm	sequencer	Automated control for series of images using different sets of parameters	
shutter type	Global shutter	sequencer parameter	exposure time gain factor	
sensor type	1/3" CCD	digital inputs	1 input line (with Debouncer)	
acquisition formats		digital outputs	1 output line	
image formats, interface	Full Frame, 656 × 494 px, max. 90 fps Full Frame HQ, 656 × 494 px, max. 46 fps Binning 2×2 HQ, 328 × 247 px, max. 86 fps Binning 2×2, 328 × 247 px, max. 166 fps Binning 1×2 HQ, 656 × 247 px, max. 86 fps Binning 1×2, 656 × 247 px, max. 166 fps Binning 2×1 HQ, 328 × 494 px, max. 46 fps Binning 2×1, 328 × 494 px, max. 90 fps	internal image buffer	32 MB	
frame rate max.		interfaces and connectors		
pixel formats		Mono8 Mono12 Mono12 Packed	data interface	Gigabit Ethernet, Transfer rate 1000 Mb/s/sec, Connector: 8P8C Modular Jack (RJ45), screwable type
image preprocessing		process interface	M8 / 4 pins	
analog controls		Gain (0 ... 20 dB) Offset (0 ... 255 LSB 12 Bit)	power supply	via 8P8C Modular Jack (RJ45)
color models	Mono	mechanical data		
		lens mount	C-mount	
		width	36 mm	
		height	36 mm	
		depth	58 mm	
		weight	≤ 110 g	

technical data

mechanical data

material housing: aluminum

electrical data

voltage supply range +Vs 20 ... 57 V DC

power consumption approx. 4,3 W

environmental conditions

operating temperature +5 ... +50 °C

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

environmental conditions

protection class IP 40

conformity

conformity CE
RoHS
FCC
EAC

dimension drawing

