

overview

- 2448 × 2050 px
- Sony ICX625
- 2/3" CCD
- 15 fps
- Gigabit Ethernet
- Phase-Out starting 04/19, alternative via sales



technical data

sensor information		image preprocessing	
sensor	Sony ICX625	color models	Mono
resolution	2448 × 2050 px	camera features	
exposure time	0,004 ... 2000 ms	synchronization	free running trigger sequencer
pixel size	3.45 × 3.45 µm	trigger sources	Hardware software ActionCommand
shutter type	Global shutter	trigger delay	0 ... 2 sec, tracking and buffering of up to 512 trigger signals
sensor type	2/3" CCD	sequencer	Automated control for series of images using different sets of parameters
acquisition formats		sequencer parameter	exposure time gain factor
image formats, interface frame rate max.	Full Frame, 2448 × 2050 px, max. 15 fps Full Frame HQ, 2448 × 2050 px, max. 7 fps Binning 2×2 HQ, 1224 × 1025 px, max. 15 fps Binning 2×2, 1224 × 1025 px, max. 30 fps Binning 1×2 HQ, 2448 × 1025 px, max. 15 fps Binning 1×2, 2448 × 1025 px, max. 30 fps Binning 2×1 HQ, 1224 × 2050 px, max. 7 fps Binning 2×1, 1224 × 2050 px, max. 15 fps	digital inputs	1 input line (with Debouncer)
pixel formats	Mono8 Mono12 Mono12 Packed	digital outputs	1 output line
image preprocessing		internal image buffer	32 MB
analog controls	Gain (0 ... 20 dB) Offset (0 ... 1023 LSB 14 Bit)	interfaces and connectors	
		data interface	Gigabit Ethernet, Transfer rate 1000 Mb/s, Connector: 8P8C Modular Jack (RJ45), screwable type
		process interface	M8 / 4 pins
		power supply	M8 / 3 pins
		mechanical data	
		lens mount	C-mount
		width	36 mm

technical data

mechanical data

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. 6,0 W

environmental conditions

operating temperature	+5 ... +50 °C
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environmental conditions

humidity	10 ... 90 % (non-condensing)
protection class	IP 40

conformity

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dimension drawing

