

overview

- 1624 × 1236 px
- Sony ICX274
- 1/1.8" CCD
- 16 fps
- Gigabit Ethernet
- Phase-Out starting 04/19, alternative via sales



technical data

sensor information

sensor	Sony ICX274
resolution	1624 × 1236 px
exposure time	0,004 ... 60000 ms
pixel size	4.4 × 4.4 μm
shutter type	Global shutter
sensor type	1/1.8" CCD

acquisition formats

image formats, interface frame rate max.	Full Frame, 1624 × 1236 px, max. 16 fps Full Frame HQ, 1624 × 1236 px, max. 12 fps Binning 2×2 HQ, 812 × 618 px, max. 24 fps Binning 2×2, 812 × 618 px, max. 49 fps Binning 1×2 HQ, 1624 × 618 px, max. 24 fps Binning 1×2, 1624 × 618 px, max. 49 fps Binning 2×1, 812 × 1236 px, max. 25 fps
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pixel formats

Mono8
Mono12
Mono12 Packed

image preprocessing

analog controls	Gain (0 ... 20 dB) Offset (0 ... 255 LSB 12 Bit)
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color models

Mono

camera features

synchronization	free running trigger sequencer
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camera features

trigger sources	Hardware software ActionCommand
trigger delay	0 ... 2 sec, tracking and buffering of up to 512 trigger signals
sequencer	Automated control for series of images using different sets of parameters
sequencer parameter	exposure time gain factor
digital inputs	1 input line (with Debouncer)
digital outputs	1 output line
internal image buffer	32 MB

interfaces and connectors

data interface	Gigabit Ethernet, Transfer rate 1000 Mbits/sec, 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
height	36 mm
depth	48 mm
weight	≤ 90 g
material	housing: aluminum

electrical data

voltage supply range +Vs	8 ... 30 V DC
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technical data

electrical data

power consumption approx. 4,0 W

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

