



### sensor information

sensor	ON Semiconductor KAI-04050
type	1" interline progressive scan CCD
resolution	2336 × 1752 px
exposure time	0,007 ... 1000 ms
pixel size	5.5 × 5.5 μm

### acquisition formats

image formats, frame rate max.	Full Frame, 2336 × 1752 px, max. 32,0 fps Binning 2×2, 1168 × 876 px, max. 57,0 fps Binning 1×2, 2336 × 876 px, max. 57,0 fps Binning 2×1, 1168 × 1752 px, max. 32,0 fps
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pixel formats	Mono8 Mono10 Mono12
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### image pre-processing

analog controls	Gain (0 ... 26 dB)
color adjustment	Offset (0 ... 1023 LSB 14 Bit)
color models	Mono

### interfaces and connectors

data interface	Dual Gigabit Ethernet, Transfer rate 2000 Mbits/sec, Connector: 2 x 8P8C Modular Jack (RJ45), Screw lock type
process interface	M8 / 8 pins
power supply	M8 / 3 pins

### mechanical data

material	housing: aluminum
lens mount	C-mount (F-mount on request)
width	52 mm
height	52 mm
depth	72 mm
weight	≤ 285 g

### electrical data

voltage supply	20 ... 30 V DC (external power supply)
range +Vs	38 ... 57 V DC (Power over Ethernet)
power consumption	approx. 11,5 W @ 24 VDC and 32,0 fps approx. 12 W @ 48 VDC (PoE) and 32,0 fps

### environmental conditions

operating temperature	+5 ... +60 °C
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

### dimension drawing

