



sensor information

sensor	Cypress Lupa-1300-2
type	1.4" global shutter CMOS
resolution	1280 × 1024 px
exposure time	0,002 ... 1000 ms
pixel size	14 × 14 µm

acquisition formats

image formats, frame rate max.	Full Frame, 1280 × 1024 px, max. 500,0 fps
pixel formats	Mono8 Mono10

image pre-processing

analog controls	Gain (Digital 1-4 times, 1/1024 steps) Offset (0 ... 255 LSB)
color models	Mono

interfaces and connectors

data interface	Camera Link® Full, connector: 2 x Standard MDR26
process interface	6-pin Hirose
power supply	6-pin Hirose

mechanical data

material	housing: aluminum
lens mount	C-mount (F-mount on request)
width	63 mm
height	63 mm
depth	33 mm
weight	≤ 247 g

electrical data

voltage supply range +Vs	8 ... 24 V DC
power consumption	approx. 5,0 W

environmental conditions

operating temperature	+5 ... +50 °C
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

dimension drawing

