



USB³
VISION **GEN<i>i>CAM**



sensor information

sensor	Sony ICX834AL
type	1" progressive scan CCD
resolution	4248 × 2832 px
exposure time	0,004 ... 60000 ms
pixel size	3.1 × 3.1 μm

acquisition formats

image formats, frame rate max.	Full Frame, 4248 × 2832 px, max. 13,8 fps Binning 2×2, 2124 × 1416 px, max. 24,9 fps
pixel formats	Mono8 Mono12 Mono12 Packed Mono16

image pre-processing

analog controls	Gain (0 ... 20 dB) Offset (0 ... 1023 1 step=4 LSB 16 Bit)
color models	Mono

interfaces and connectors

data interface	USB 3.0, Transfer Rate 5000 Mbits/sec, Connector: USB 3.0 Micro B
process interface	M8 / 8 pins
power supply	M8 / 8 pins

mechanical data

material	housing: aluminum
lens mount	C-mount
width	45 mm
height	45 mm
depth	47 mm
weight	≤ 153 g

electrical data

voltage supply range +Vs	12 ... 24 V DC (external power supply)
power consumption	approx. 5,6 W @ 24 VDC

environmental conditions

operating temperature	+5 ... +65 °C
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

dimension drawing

