



**GEN<i>i</i>CAM**



### sensor information

sensor	CMOSIS CMV2000
type	2/3" progressive scan CMOS
resolution	2040 × 1084 px
pixel size	5.5 × 5.5 μm

### acquisition formats

image formats, frame rate max.	Full Frame, 2040 × 1084 px, max. 55,0 fps
pixel formats	Mono8 BayerRG8 BayerRG12 RGB8 Packed BGR8 Packed YUV411 Packed YUV422 Packed YUV444 Packed

### image pre-processing

analog controls	Gain (0 ... 18 dB) Offset (0 ... 255 LSB 12 Bit)
color models	RGB YUV Mono
color processing	Integrated color processor for high quality color calculation

### interfaces and connectors

data interface	Gigabit Ethernet, Transfer rate 1000 Mbits/sec, Fast Ethernet, Transfer Rate 100 Mbits/sec, Connector: 8P8C Modular Jack (RJ45)
process interface	JSTBM08B-SRSS-TB 8 pins
power supply	JSTBM03B-SRSS-TB 3 pins

### mechanical data

material	without housing
lens mount	C-mount / S-mount (adapter)
width	28,5 mm (sensor print) 48 mm (system print)

### mechanical data

height	28,5 mm (sensor print) 48 mm (system print)
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weight	≤ 30 g
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### electrical data

voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
power consumption	approx. 3,5 W @ 12 VDC and 55,0 fps approx. 3,8 W @ 48 VDC (PoE) and 55,0 fps

### environmental conditions

operating temperature	Depends on the thermal encapsulation (T <sub>max</sub> = 70 °C @ Measurement Point)
humidity	10 ... 90 % (non-condensing)

### digital I/Os

lines	1 input line 3 output lines
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### dimension drawing

