



**GIG** VISION **GEN<i>i</i>CAM**



### sensor information

sensor	CMOSIS CMV12000
type	APS-C global shutter CMOS
resolution	4096 × 3072 px
exposure time	0,04 ... 1000 ms
pixel size	5.5 × 5.5 μm

### acquisition formats

image formats, frame rate max.	Full Frame, 4096 × 3072 px, max. 19,0 fps Binning 2×2, 2048 × 1536 px, max. 19,0 fps Binning 1×2, 4096 × 1536 px, max. 19,0 fps Binning 2×1, 2048 × 3072 px, max. 19,0 fps
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pixel formats	Mono8 Mono12 Mono12 Packed
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### image pre-processing

analog controls	Gain (0 ... 12 dB) Offset (0 ... 255 LSB 12 Bit)
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color models	Mono
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### interfaces and connectors

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

### mechanical data

material	housing: aluminum
lens mount	M58-mount (F-mount, M42, C-mount via adapter)
width	60 mm
height	60 mm
depth	54,25 mm
weight	≤ 290 g (M58-mount)

### electrical data

voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
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### electrical data

power consumption	approx. 7,0 W @ 24 VDC approx. 6,5 W @ 48 VDC (PoE)
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### environmental conditions

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

### dimension drawing

