



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
--------------------------------	---

pixel formats	Mono8 Mono12 Mono12 Packed
---------------	----------------------------------

image pre-processing

analog controls	Gain (0 ... 12 dB) Offset (0 ... 255 LSB 12 Bit)
-----------------	---

color models	Mono
--------------	------

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

electrical data

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

environmental conditions

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

dimension drawing

