



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



sensor information

sensor	ams (CMOSIS) CMV2000
resolution	2048 × 1088 px
exposure time	0,02 ... 1000 ms
color filter	RGB Bayer Mosaic
pixel size	5.5 × 5.5 μm
shutter type	Global shutter
sensor type	2/3" CMOS

acquisition formats

image formats, interface	Full Frame, 2048 × 1088 px, max. 105 fps
frame rate max.	
image formats, acquisition	Full Frame, 2048 × 1088 px, max. 337 fps
frame rate max. (Burst Mode)	
pixel formats	BayerGB8 BayerGB10 BayerGB12

image preprocessing

analog controls	Gain (0 ... 12 dB) Offset (0 ... 255 LSB)
color models	Raw Bayer

interfaces and connectors

data interface	Dual Gigabit Ethernet, Transfer rate 2000 Mbits/sec, Connector: 2 x 8P8C Modular Jack (RJ45), screwable type
process interface	M8 / 8 pins
power supply	M8 / 3 pins

mechanical data

lens mount	C-mount (F-mount on request)
width	52 mm
height	52 mm
depth	55 mm

mechanical data

weight	≤ 232 g
material	housing: aluminum

electrical data

voltage supply	20 ... 30 V DC (external power supply)
range +Vs	38 ... 57 V DC (Power over Ethernet)
power consumption	approx. 7,7 W @ 24 VDC and 105,0 fps approx. 8,9 W @ 48 VDC (PoE) and 105,0 fps

environmental conditions

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

conformity

conformity	CE RoHS FCC EAC
------------	--------------------------

dimension drawing

