



945 East 11th Avenue Tampa, FL 33605

Phone: (813) 984-0125

Contact: Sales@pyramidimaging.com

<https://pyramidimaging.com>

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



sensor information

sensor	ON Semiconductor MT9P031
resolution	2592 × 1944 px
exposure time	0,004 ... 1000 ms
pixel size	2.2 × 2.2 μm
shutter type	Rolling shutter
sensor type	1/2.5" CMOS

acquisition formats

image formats, interface	Full Frame, 2592 × 1944 px, max. 13 fps
frame rate max.	Binning 2×2, 1296 × 972 px, max. 33 fps
	Binning 4×4, 648 × 486 px, max. 52 fps
pixel formats	Mono8
	Mono12
	Mono12 Packed

image preprocessing

analog controls	Gain (0 ... 18 dB) Offset (0 ... 4095 LSB 12 Bit)
color models	Mono

interfaces and connectors

data interface	Gigabit Ethernet, Transfer rate 1000 Mbits/sec, Connector: 8P8C Modular Jack (RJ45), screwable type
process interface	M8 / 4 pins
power supply	M8 / 3 pins

mechanical data

lens mount	C-mount
width	36 mm
height	36 mm
depth	42 mm
weight	≤ 90 g
material	housing: aluminum

electrical data

voltage supply range +Vs	8 ... 30 V DC
power consumption	approx. 2,7 W

non-volatile memory

flash memory size	128 kB
-------------------	--------

environmental conditions

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

conformity

conformity	CE RoHS FCC KC (MSIP-REI-BkR-EXG50) EAC
------------	---

dimension drawing

