



945 East 11<sup>th</sup> Avenue Tampa, FL 33605

Phone: (813) 984-0125

Contact: Sales@pyramidimaging.com

<https://pyramidimaging.com>

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



#### sensor information

sensor	Sony ICX445
resolution	1296 × 966 px
exposure time	0,004 ... 60000 ms
pixel size	3.75 × 3.75 μm
shutter type	Global shutter
sensor type	1/3" CCD

#### acquisition formats

image formats, interface	Full Frame, 1296 × 966 px, max. 32 fps
frame rate max.	Full Frame HQ, 1296 × 966 px, max. 32 fps
	Binning 2×2 HQ, 648 × 483 px, max. 32 fps
	Binning 2×2, 648 × 483 px, max. 65 fps
	Binning 1×2 HQ, 1296 × 483 px, max. 32 fps
	Binning 1×2, 1296 × 483 px, max. 65 fps
	Binning 2×1 HQ, 648 × 966 px, max. 16 fps
	Binning 2×1, 648 × 966 px, max. 32 fps
pixel formats	Mono8
	Mono12
	Mono12 Packed

#### image preprocessing

analog controls	Gain (0 ... 20 dB)
	Offset (0 ... 1023 LSB 14 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	48 mm

#### mechanical data

weight	≤ 90 g
material	housing: aluminum

#### electrical data

voltage supply range +Vs	8 ... 30 V DC
power consumption	approx. 3,6 W

#### environmental conditions

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

#### conformity

conformity	CE
	RoHS
	FCC
	UL

#### dimension drawing

