



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



sensor information

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

acquisition formats

image formats, frame rate max.	Full Frame HQ, 1296 × 966 px, max. 16,0 fps
	Full Frame, 1296 × 966 px, max. 32,0 fps
	Binning 2×2 HQ, 648 × 483 px, max. 32,0 fps
	Binning 2×2, 648 × 483 px, max. 65,0 fps
	Binning 1×2 HQ, 1296 × 483 px, max. 32,0 fps
	Binning 1×2, 1296 × 483 px, max. 65,0 fps
	Binning 2×1 HQ, 648 × 966 px, max. 16,0 fps
Binning 2×1, 648 × 966 px, max. 32,0 fps	

pixel formats	Mono8
	Mono12
	Mono12 Packed

image pre-processing

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

color models	Mono
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interfaces and connectors

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

mechanical data

material	housing: aluminum
lens mount	C-mount
width	36 mm
height	36 mm
depth	48 mm

mechanical data

weight	≤ 90 g
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electrical data

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

environmental conditions

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

dimension drawing

