



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



sensor information

sensor	Sony ICX274
type	1/1.8" interline progressive scan CCD
resolution	1624 × 1236 px
exposure time	0,004 ... 60000 ms
pixel size	4.4 × 4.4 μm

acquisition formats

image formats, frame rate max.	Full Frame HQ, 1624 × 1236 px, max. 8,0 fps Full Frame, 1624 × 1236 px, max. 16,0 fps Binning 2×2 HQ, 812 × 618 px, max. 15,0 fps Binning 2×2, 812 × 618 px, max. 29,0 fps Binning 1×2 HQ, 1624 × 618 px, max. 15,0 fps Binning 1×2, 1624 × 618 px, max. 29,0 fps Binning 2×1 HQ, 812 × 1236 px, max. 8,0 fps Binning 2×1, 812 × 1236 px, max. 16,0 fps
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pixel formats	Mono8 Mono12 Mono12 Packed
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image pre-processing

analog controls	Gain (0 ... 20 dB) Offset (0 ... 255 LSB 12 Bit)
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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 / 8 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 range +Vs	8 ... 30 V DC
power consumption	approx. 4,0 W

environmental conditions

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

digital I/Os

lines	3 input lines (each with Debouncer) 3 output lines
output line sources	Exposure Active Readout Active User0 User1 User2 Timer1 TriggerReady TriggerOverlapped TriggerSkipped Off

dimension drawing

