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



#### sensor information

sensor	Sony ICX625
resolution	2448 × 2050 px
exposure time	0,004 ... 2000 ms
pixel size	3.45 × 3.45 μm
shutter type	Global shutter
sensor type	2/3" CCD

#### acquisition formats

image formats, interface	Full Frame, 2448 × 2050 px, max. 15 fps
frame rate max.	Full Frame HQ, 2448 × 2050 px, max. 7 fps Binning 2×2 HQ, 1224 × 1025 px, max. 15 fps Binning 2×2, 1224 × 1025 px, max. 30 fps Binning 1×2 HQ, 2448 × 1025 px, max. 15 fps Binning 1×2, 2448 × 1025 px, max. 30 fps Binning 2×1 HQ, 1224 × 2050 px, max. 7 fps Binning 2×1, 1224 × 2050 px, max. 15 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. 6,0 W

#### environmental conditions

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

#### conformity

conformity	CE KC (R-REI-BkR-TXG50) RoHS FCC EAC
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#### dimension drawing

