



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



#### sensor information

sensor	Sony ICX414
type	1.2" interline progressive scan CCD
resolution	656 × 490 px
exposure time	0,004 ... 60000 ms
color filter	RGB Bayer Mosaic
pixel size	9.9 × 9.9 μm

#### acquisition formats

image formats, frame rate max.	Full Frame, 656 × 490 px, max. 93,0 fps
pixel formats	Mono8 BayerRG8 BayerRG12 RGB8 Packed BGR8 Packed YUV411 Packed YUV422 Packed YUV444 Packed

#### image pre-processing

analog controls	Gain (0 ... 20 dB) Offset (0 ... 1023 LSB 14 Bit)
color models	RGB YUV Mono
color processing	Integrated color processor for high quality color calculation

#### 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

#### mechanical data

width	36 mm
height	36 mm
depth	48 mm
weight	≤ 90 g

#### 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

#### dimension drawing

