



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



sensor information	
sensor	Sony ICX274
resolution	1624 × 1236 px
exposure time	0,004 ... 60000 ms
pixel size	4.4 × 4.4 μm
shutter type	Global shutter
sensor type	1/1.8" CCD
acquisition formats	
image formats, interface	Full Frame, 1624 × 1236 px, max. 16 fps
frame rate max.	Full Frame HQ, 1624 × 1236 px, max. 8 fps Binning 2×2 HQ, 812 × 618 px, max. 15 fps Binning 2×2, 812 × 618 px, max. 29 fps Binning 1×2 HQ, 1624 × 618 px, max. 15 fps Binning 1×2, 1624 × 618 px, max. 29 fps Binning 2×1 HQ, 812 × 1236 px, max. 8 fps Binning 2×1, 812 × 1236 px, max. 16 fps
pixel formats	Mono8 Mono12 Mono12 Packed
image preprocessing	
analog controls	Gain (0 ... 20 dB) Offset (0 ... 255 LSB 12 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 / 8 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. 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
conformity	
conformity	CE RoHS FCC EAC

# TXG20m3

Gigabit Ethernet, 2 Megapixel, Monochrome

Article number: 11011351

## dimension drawing

