

# VCXG-03SWIR.XC

Gigabit Ethernet, 0.3 Megapixel, Monochrome

Article number: 11727221

Preliminary

## Overview

- 656 x 520 px
- Sony IMX991
- 1/4" CMOS
- 250 fps
- Gigabit Ethernet
- Spectrum: Visible + SWIR (400–1700 nm)  
(all data preliminary)

**ATTENTION:** This product is subject to statutory export control regulations and may require written information on intended end use and final destination! Dual Use Classification ECCN/AL: 6A003B

Coming soon



Picture similar



## Technical data

### Sensor information

Sensor	Sony IMX991
Mono/Color	SWIR
Sensor type	1/4" CMOS
Shutter type	Global shutter
Resolution	656 × 520 px
Pixel size	5 × 5 μm
Exposure time	0.001 ... 60000 ms

### Image preprocessing

Color models	Mono
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### Camera features

Basic Functions	Exposure
	Gain / Color Gain
	Trigger / Exposure Active (Flash)
	Binning 2x2
	Partial Scan
	Offset
	Free Running Mode (Live Image)
Auto Functions	Exposure Auto
	Gain Auto
Image Pre-processing	Image Flipping (X/Y)
	LUT / Gamma
Acquisition / Interface	Burst Mode
	Adjustable Framerate
	Short Exposure Time Enable
	Device Link Throughput Limit
	Internal Image Buffer

### Camera features

Process Synchronization	Events
	Timer
	Trigger Delay
	Debouncer
	Counter
	Sequencer
	Trigger via Action CMD (GigE)
	Additional Output Modes (e.g. Trigger Ready)
	Chunk data inside transferred image
	Encoder support via Counter End trigger source

Additional Functions	User Set
	Integrated temperature sensor
	Readable additional information (e.g. sensor information)
	Save Custom Data

### Interfaces and connectors

Data interface	Gigabit Ethernet, Transfer rate 1000 Mb/s/sec, Connector: 8P8C Modular Jack (RJ45), screwable type
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### Mechanical data

Lens mount	C-mount
Width	36 mm
Height	36 mm
Depth	46 mm
Weight	≤ 110 g
Material	aluminum, baked varnish

### Environmental conditions

Protection class	IP 40 (with mounted lens and cable)
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## Dimension drawing

