



Goldeye CL

Goldeye CL-130 VSWIR
TEC1

The Goldeye CL-130 TEC1 is an SXGA resolution short wave infrared (SWIR) camera with Camera Link interface. Frame rates up to 100 fps at full resolution enable you to access versatile application fields and to speed up your processes.

General

Model:	Goldeye CL-130 VSWIR TEC1
Product series:	Goldeye CL
Status:	Available

Sensor

Sensor type:	Area scan
Chroma:	Mono
Spectrum:	SWIR, Visible SWIR
Spectral range:	400 nm to 1700 nm
Resolution:	1,280 × 1,024 (1.30 MP)
Sensor model:	Sony IMX990 InGaAs
Sensor architecture (material):	InGaAs
Shutter type(s):	Global Shutter
Sensor size:	8.15 mm ø (Type 1/2)
Pixel size:	5.00 µm × 5.00 µm

Pixel formats

Sensor bit depth:	8-bit to 12-bit
Monochrome pixel formats:	Tap Geometry 1X 1Y: Mono8, Mono12, Tap Geometry 1X2 1Y: Mono8

Timing and gain

Max. frame rate:	94 fps
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I/Os and power

Non-isolated lines:	1 input, 1 output
Specific non-isolated lines:	115 200 Baud, 8N1 (adjustable)
Opto-isolated lines:	1 input, 2 outputs
Power supply:	10.8 V to 30.0 V
Power consumption:	Maximum: 11.8 W (at 12 VDC)

Operating conditions

Operating temperature (housing):	-20 °C to 55 °C (housing)
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Mechanical properties

Body dimensions (L x W x H in mm):	78 × 55 × 55
Weight:	330 g

On-board memory and FPGA

Image buffer (RAM):	256 MByte
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Interfaces

Digital interface:	Camera Link Base
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Quantum Efficiency



