



# Goldeye Pro

## Goldeye Pro G5-130 VSWIR TEC1

Goldeye Pro G5-130 VSWIR TEC1 5GBASE-T camera with global shutter Sony IMX990 SenSWIR InGaAs sensor enables short wave infrared (SWIR) imaging with industrial performance for various machine vision applications.

### General

Model:	Goldeye Pro G5-130 VSWIR TEC1
Product series:	Goldeye Pro
Status:	Available

### Sensor

Sensor type:	Area scan
Spectrum:	SWIR, Visible SWIR
Spectral range:	400 nm to 1700 nm
Resolution:	1,296 × 1,032 (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

Monochrome pixel formats:	Mono12 (default)
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### Timing and gain

Max. frame rate:	125
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### I/Os and power

Non-isolated lines:	4 bidirectional I/O lines
Opto-isolated lines:	1 input, 3 outputs

## I/Os and power

Power supply: 12 VDC to 24 VDC ( $\pm 10\%$ ) or via PoE

Power consumption: Max: 10 W (12 to 24 VDC); 11 W (PoE)

## Operating conditions

Operating temperature (housing): 55 °C (max) (housing)

## Mechanical properties

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

Weight: 350 g

## On-board memory and FPGA

Image buffer (RAM): 256 MByte

Non-volatile memory (Flash): 4 KByte

## Interfaces

Digital interface: IEEE 802.3: 5GBASE-T or 2.5GBASE-T (NBASE-T) and 1000BASE-T,  
IEEE 802.3af Power Class 0 PoE

# Quantum Efficiency



