



GOLDEYE G-033

- Fastest GigE Vision SWIR camera
- Power over Ethernet
- Compact industrial design, no fan

Goldeye G-033 - High-speed short-wave infrared camera

The new Goldeye G-033 high-speed camera is the fastest VGA resolution short wave infrared camera (SWIR) with GigE Vision interface. Frame rates up to 301 fps at full resolution enable you to access versatile application fields and to speed up your processes.

Save time and money to integrate the camera into your system: A small form factor and multiple mounting options let the camera fit easily into compact system designs. In addition, its standardized GigE Vision interface including Power over Ethernet (PoE) and comprehensive I/O control options simplify the connection to your software solution and the synchronization with other system components.

The integrated thermo-electric sensor cooling and several on-board image correction features contribute to the Goldeye's outstanding image quality.

Reveal more of the invisible with Goldeye SWIR cameras!

Benefits and features

- Compact industrial design
- Up to 301 fps at full resolution
- GigE Vision interface with Power over Ethernet

Comprehensive I/O control options

- Automated on-board image correction
- Stabilized sensor cooling, no fan
- Extended operating temperature range

Options

- Available with C- / F- / M42 Mount

Specifications

Interface	IEEE 802.3 1000BASE-T, IEEE 802.3af (PoE)
-----------	---

Resolution	640 × 512
------------	-----------

Sensor	InGaAs FPA 640 x 512
--------	----------------------

Sensor type	InGaAs
-------------	--------

Cell size	15 μm x 15 μm
-----------	---------------

Lens mount	C- / F- / M42-Mount
------------	---------------------

Frame rate	301 fps
------------	---------

ADC	14 Bit
-----	--------

On-board FIFO	256 Mbyte
---------------	-----------
