



Gated SWIR Camera



The Gated SWIR Camera can be used with a pulsed laser to improve the recognition & detection performances in difficult environment conditions. Its main components are:

- ▶ SWIR camera with gating possibility;
- ▶ Laser illuminator with controller and expander lens;
- ▶ Digital Delay Generator;
- ▶ Fix or Pan& Tilt Platform.

Technical characteristics

Optronics

Wave band: 0.9÷ 1.7 μ m

Field of view: continuous zoom, 5.4x

- NFOV: 2.9 x 2.3 degrees

- WFOV: 16 x 12.8 degrees

Detector: 320x 240 pixels

Exposure time: adjustable, min. 0.1 μ s

Frame rate: min. 25Hz

Video output: GigE Vision standard

Laser illuminator for gating:

Wavelength: 1064 nm

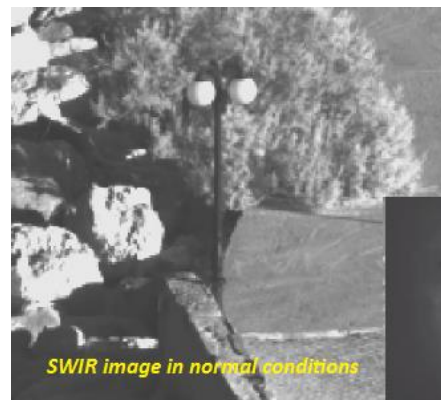
Repetition rate: 10 Hz

Physical characteristics (without pan&tilt platform):

- dimensions: max. 380 mm x 370 mm x 230 mm
- mass: max 8500 g

Electrical characteristics:

- consumption: < 20 W
- power supply: 12 VDC



SWIR image in normal conditions



SWIR image in gating mode