

Silicon based SWIR Camera

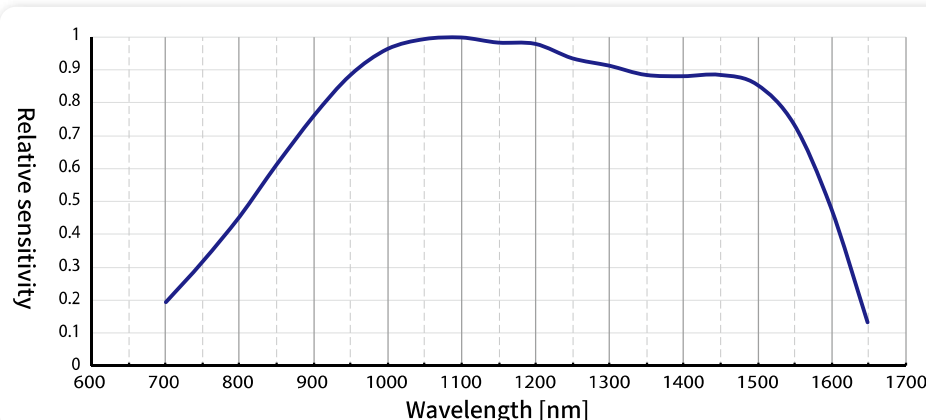
Under
development

Raven Image Sensor by TriEye

Silicon based SWIR Camera



Spectral sensitivity characteristics



Features

- 1: Capture wavelength from 700 to 1,650 nm
- 2: InGaAs free, CMOS image sensor made from silicon
- 3: High resolution imaging with 1,236 x 960 pixel

Specifications

- | | |
|--------------------------------|-----------------------------------|
| 1: Resolution : | 1,236(H) x 960(V) pixel |
| 2: Pixel size : | 7 μm x 7 μm |
| 3: Scanning area : | 8.65 mm(H) x 6.72 mm(V) |
| 4: Image size : | 2/3 type |
| 5: Electronic shutter method : | Global shutter |
| 6: Interface : | Gigabit Ethernet |

Image captured with SWIR light

Visible light image



SWIR light image



* Ethernet is trademark or registered trademark of Fujifilm Business Innovation Co., Ltd. GigE Vision is trademark or registered trademark of AIA (Automated Imaging Association).