

TRIEYE OVI

FAST RAMP UP TO HARNESS THE SWIR SPECTRUM

SEAMLESS AND EASY OPERATION OF THE TRIEYE RAVEN SENSOR

ELIMINATES REDUNDANT WORK TO ACCELERATE DEVELOPMENT CYCLE

REDUCES THE NEED FOR TECHNICAL RESOURCES & DEVELOPMENTS COSTS



DEVELOPMENT KIT

SPECIFICATIONS

HARDWARE (HW)

- Modular stacked board devkit
 - Sensor board
 - Connectivity board
 - Frame Grabber board
- USB3 and External Sync cables
- Size 62 x 62 x 55 mm
- C-mount

SOFTWARE (SW)

- Viewer-Recorder-Controller (VRC) tool
- TriEye API (TEA)
- ISP SW

ADDITIONAL SW FEATURES

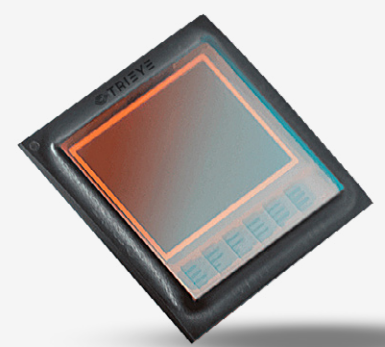
- Image preview
- Illumination control
- Image files (BMP/Tiff)
- Video files
- Access to internal registers
- Image analysis
- Diagnostic information analysis

TRIEYE RAVEN SENSOR

- Sensor Spectrum: 0.7 – 1.6um
- Resolution: 1284 x 960 (1.3mp)
- Pixel Pitch: 7um
- Frame Rate: Up to 120 FPS
- Shutter: Global/Rolling
- Output format: 8/10/12-bit Raw

SENSOR CONTROL

- Exposure control
- FPS control
- ROI support
- Binning support



OPTICS (OPTIONAL)

- Several lense options available (contact sales)

ILLUMINATION (OPTIONAL)

- Several options available (contact sales)

OS SUPPORTED

Windows



DOCUMENTATION

- Sensor reference manual
- DevKit reference manual
- Quick start guide

RAMP UP

- Training sessions with TriEye engineer and other associated support needed for implementation

HW INSIDE

