

# 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

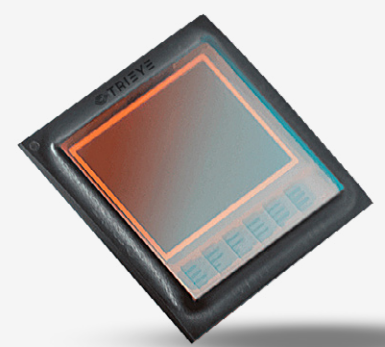
- Image preview
- Illumination control
- Image files (BMP/Tiff)
- Video files
- Access to internal registers
- Image analysis
- Diagnostic information analysis

### 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

