

# OVI 2.0 DEVELOPMENT KIT



OVI 2 CAMERA

- ✓ FAST RAMP UP TO HARNESS THE SWIR SPECTRUM BENEFITS
- ✓ SEAMLESS AND EASY OPERATION OF THE TRIEYE RAVEN SENSOR PRODUCT FAMILY
- ✓ ELIMINATES REDUNDANT WORK TO ACCELERATE DEVELOPMENT CYCLE AND REDUCE COSTS

## TRIEYE TES200 SENSOR

- Sensor Spectrum: 0.9 – 1.6um
- Resolution: 1236 x 960
- Frame Rate: variable, up to 120FPS full frame
- Shutter: Global
- Output format: 8/10/12-bit Raw

## SENSOR CONTROL

- Exposure Control
- FPS control
- Windowing support

## ADDITIONAL SW FEATURES

- Image Preview
- Illumination control
- Save images as JPEG/PNG/Tiff
- Save videos as AVI/MP4
- Internal registers access
- Diagnostic information

## OVI 2.0 CAMERA SPECS

- Single board camera
- USB-C interface for data and power
- Active cooling
- External triggers in/out
- C-mount
- LED status indicators
- Size 55 x 53 x 49 mm

## OPTICS (OPTIONAL)

- Several options available (contact sales)

## ILLUMINATION (OPTIONAL)

- Several options available (contact sales)

## SW

- SDK with ISP and SIGHT viewer application
- API (Python-based)

## OS SUPPORTED

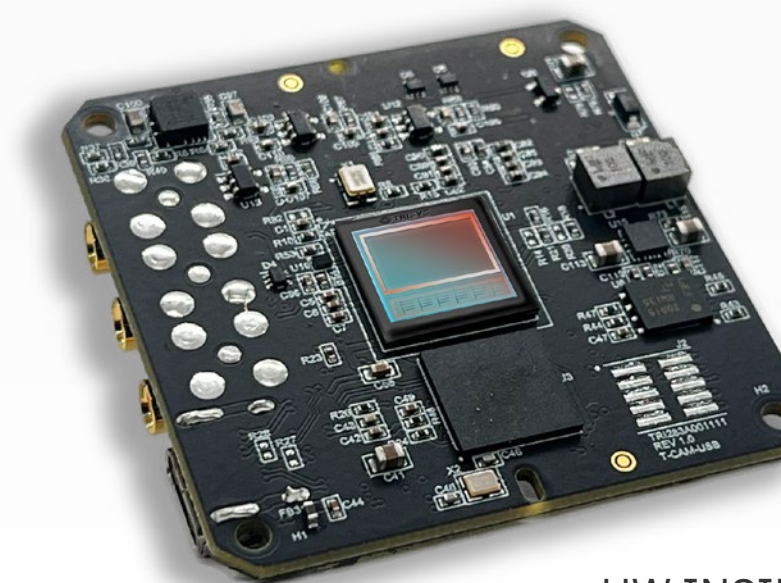
- Windows

## OVI 2.0 DOCUMENTATION

- TES200 user manual
- **Quick start guide:**
  - OVI HW setup guide
  - SW installation manual
  - SW user manual

## TES200 REFERENCE DESIGN MATERIALS

- HW Reference design
- SW Reference Design



HW INSIDE

TO PLACE YOUR ORDER, CONTACT US AT [SALES@TRIEYE.TECH](mailto:SALES@TRIEYE.TECH)