



**RAY IMAGING
SOLUTIONS**

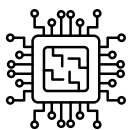
NEXT-GEN EXTENDED SWIR IMAGING

Powered by quantum dots technology



Ray1-EX: affordable, ITAR-free extended SWIR camera

Ray1-EX combines quantum dot sensor technology with 900-2,200nm sensitivity, delivering high-performance imaging in a compact package. With integrated TEC, it offers superior sensitivity and image quality at VGA resolution



Sensor

- ✓ 640 x 512, 15um pixels
- ✓ sensitivity: 900 - 2,200nm
- ✓ Frame rate: 20fps
- ✓ Dynamic range: 33dB
- ✓ TEC integrated
- ✓ Size: 68 x 70 x 60mm



Camera

- ✓ Weight: 665g
- ✓ Op. Temp.: -10 - 50C
- ✓ Power: 5.5W
- ✓ Voltage supply: 12VDC
- ✓ Data interface: USB
- ✓ Platforms: Win, Linux,
Nvidia Jetson
- ✓ SDK: C++, C#, Python