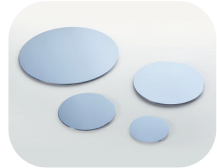




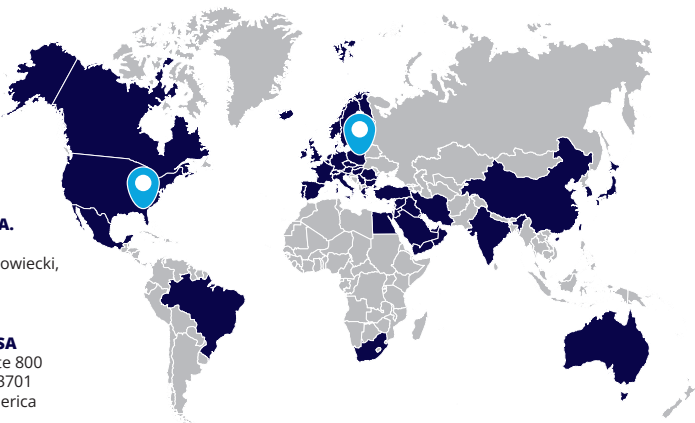
**VIGO Photonics**  
 is a European manufacturer  
 of semiconductor materials,  
 state-of-the-art infrared  
 detectors, and focal  
 plane arrays

for the SWIR, MWIR, and LWIR spectral ranges, offering solutions with various cooling options, including uncooled, TEC-cooled, Stirling-cooled, and LN<sub>2</sub>-cooled configurations.



**PLIR ARRAY**  
 POLISH INFRARED  
 THERMVISION ARRAY

**Worldwide Presence**



**Headquarters**  
**VIGO Photonics S.A.**  
 Poznańska 129/133  
 05-850 Ożarów Mazowiecki,  
 Poland

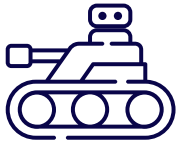
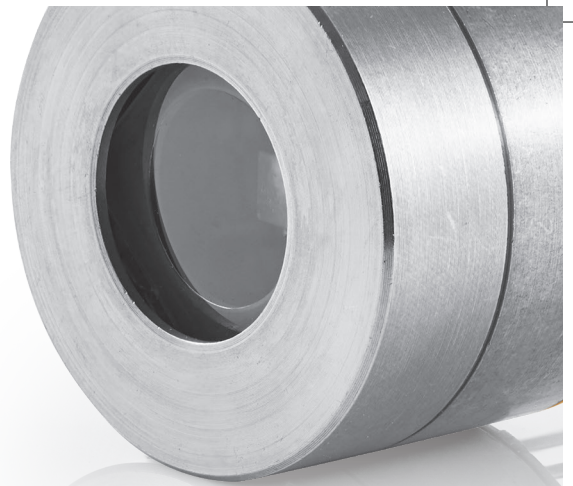
**US office**  
**VIGO Photonics USA**  
 360 Central Ave Suite 800  
 St. Petersburg, FL 33701  
 United States of America

**Contact us**  
[vigophotonics.com](http://vigophotonics.com) | [sales@vigophotonics.com](mailto:sales@vigophotonics.com)



Since all the technology behind VIGO Photonics' products is developed in-house,

we are able to provide custom-tailored solutions precisely aligned with our clients' final specifications. VIGO Photonics' single- and multi-element infrared detectors, linear arrays, and focal plane arrays are extensively utilized in cutting-edge defense and security applications.



**Integrated Optoelectronic Head**

Infrared imaging for detection and tracking of ground and air targets



**Precision-Guided Munitions**

Infrared-guided intelligent munitions and air-dropped bombs



**Electro-optical seeker**

Infrared homing, beam-riding and terminal laser guidance



**Laser Warning System**

Detection and indication of hostile laser targeting



**UAV Gimbal**

Infrared imaging for night vision and low-visibility conditions, such as fog and smoke



**Passive Barrier**

Multidirectional and long-range detection of IR signatures across multiple zones



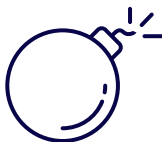
**Fire Detection & Suppression**

Ultra-fast fire detection for immediate suppression in military vehicles



**CBRN Detection and Identification**

Optical spectroscopy solutions for the detection of chemical and biological agents



**Mine and IED Detection**

Accurate threat detection, ensuring precision in high-risk environments



**LiDAR Systems**

High-precision 3D mapping for enhanced situational awareness and laser ranging



**Muzzle Flash**

Detection and localization of gunfire flashes in the infrared spectrum



**Soldier Equipment**

Alerts for laser events caused by LRFs, LiDAR systems or IR illuminators