



Smart Electro-Optics Development Platform

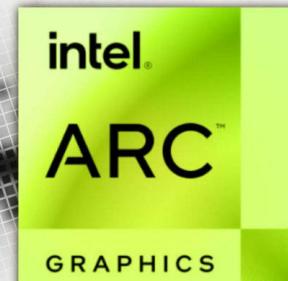
What is DEEPSIGHT ?

DEEPSIGHT is **fast** and **easy** Computerized
Rugged Electro-Optic Multi-Sensor
Development Platform for HLS, Defense and
Military developers.

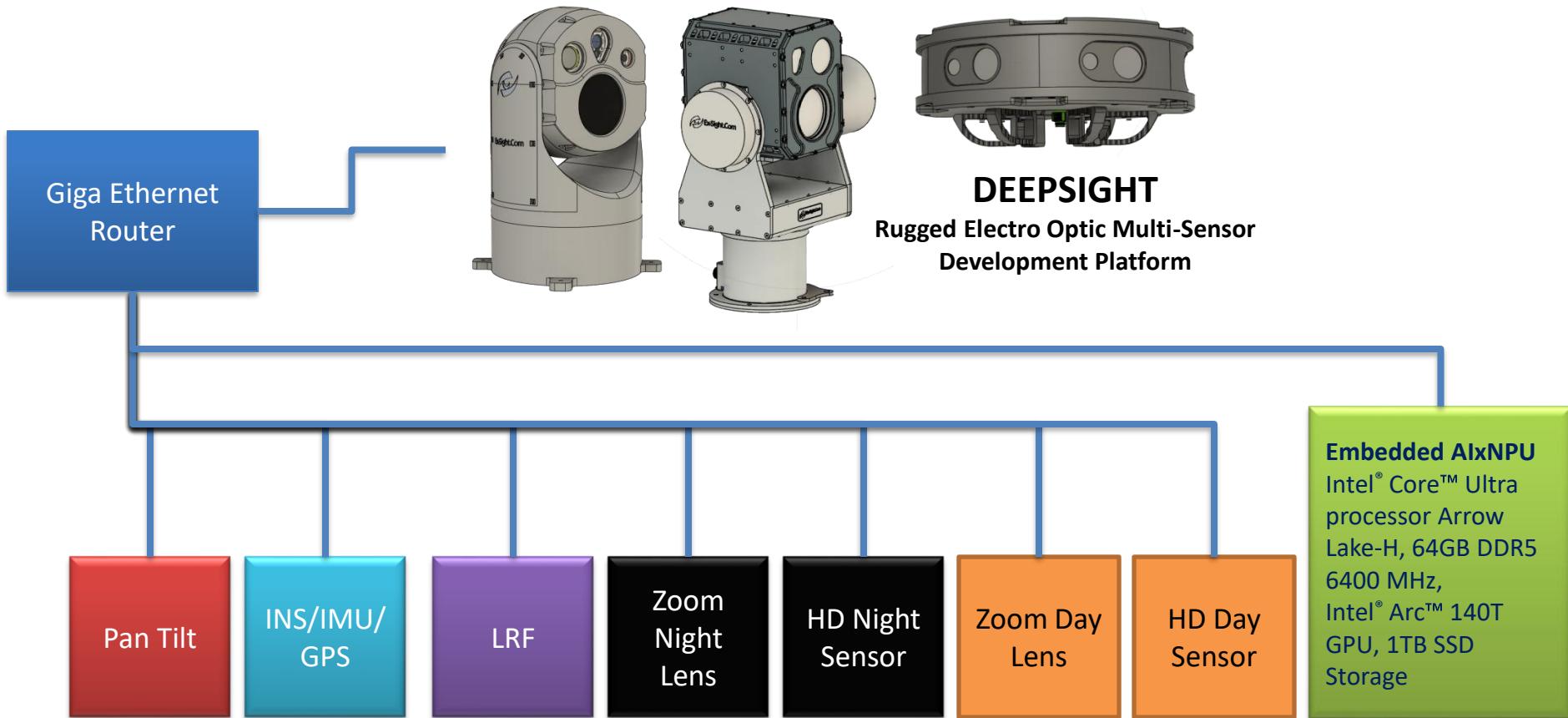


DEEPSIGHT Platform

DEEPSIGHT is based on Industrial Intel® Core™ Ultra processor with Intel® Arc™ GPU and Microsoft Win 11 IOT OS.



DEEPSIGHT Architecture



Why DEEPSIGHT?!

- 1. Faster Development, Ready applications & features**Off the shelf COTS Mil. Std Electro Optics
- 2. Latest Development Environment (Microsoft .Net)** with local debugging features
- 3. High Power Embedded Computer**
- 4. Easy and fast connectivity and customization**

Lower Development Time

DEEPSIGHT provides **fast** and **easy** development tools and ready to work platform,

which enhance the development process and significantly lowers the development time.

DEEPSIGHT allows you to develop and debug the Electro Optics easily with standard **Visual studio IDE**.

What can I do with DEEPSIGHT?

DEEPSIGHT brings full feature proven fast development capabilities into Defense Electro-Optic Systems.

With **DEEPSIGHT** you can execute high performance applications directly on the edge electro optic unit.

DEEPSIGHT Features

- **SightDESK.** complete software solution, control center application
- **Live Streaming.** Fusion | Day | Night | Scene Real-Time Streams
- **Telemetry Data.** Detectors, LRF, PTU, Trackers, Detectors
- **Geo-Position.** INS, GPS, Compass, IMU, GYRO, Mapping
- **Storage.** Video Storage Manager, Logger
- **Alerts.** Alert manager. IO connectivity and LAN/WAN alerts
- **AI.** Target Detection / Tracking / PTZ Tracker
- **Stabilization.** EIS (3 Axis Image) and Gyro Stabilization
- **Panorama.** Panorama Generator. Live Field of View control, Presets
- **Smart GUI with your brand.** Win forms or Web
- **Code.** Ready to run Code examples and Open Source .Net software interface
- **Discovery Tool.** Open-source discovery tool with your brand
- **Secured VLAN** with Single IP Address to the device
- **Cloud AI Connectivity.** Embed internet cloud AI processing

DEEPSIGHT Applications

- Observation, Surveillance systems
- Staring Systems, Situational Awareness
- Border Control / HLS Security
- Defense Detector/Tracker
- Autonomous DVE
- Smart Weapon Sights

DEEPSIGHT Products

SIGHT

- **MWIR SD/HD**
 - 15-250
 - 15-300
 - 50-1000
- **LWIR SD/HD**
 - 25-75
 - 20-100
 - 25-150
 - 25-225



SPHERE

- **MWIR SD/HD**
 - 15-250
 - 15-300
- **LWIR SD/HD**
 - F640
 - 25-75
 - 20-100
 - 25-150

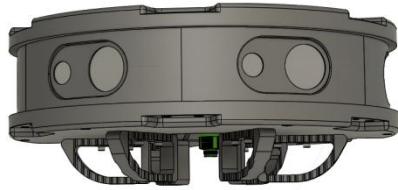


DEEPSIGHT Products

Situational Awareness

SA360/180

- HD 1280
- SD 640



How it Works?

We provide:

- Working code examples in C# .net
- Detailed user guides
- Video examples
- Remote support plans
- OEM product customization

OEM Customization

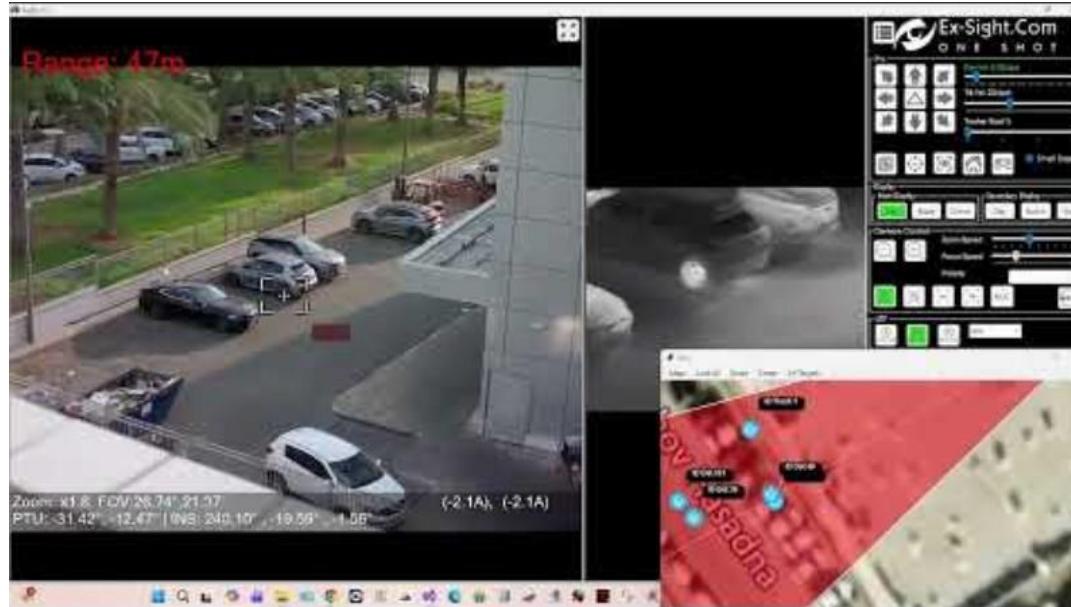
We can change the branding, the design, the colors, the sensors and the software interface for you...

We provide special **OEM customization** up to customer requirements on:

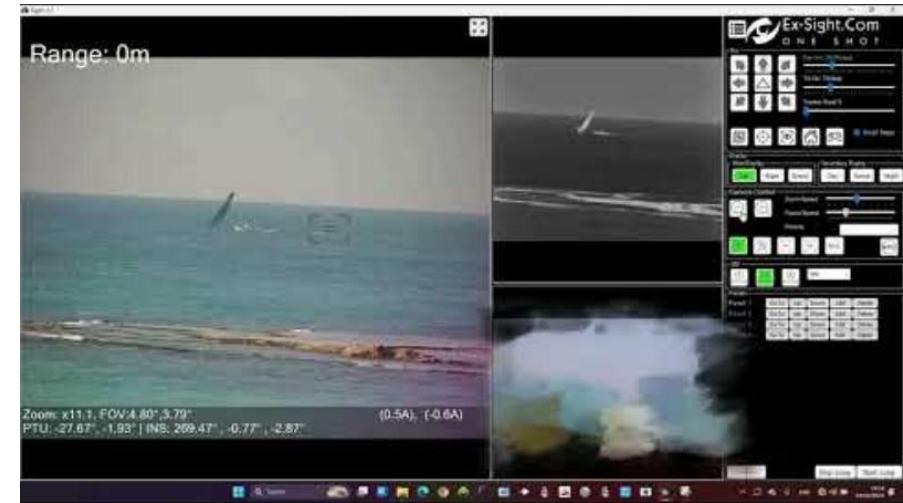
Mechanical, Electrical and Software level.

SIGHTDESK Application

DEEPSIGHT provides embedded **SIGHTDESK Application** with full control operational GUI:



Tracking & GeoLocation



SENSORS Flexibility

DEEPSIGHT provides **one generic interface** for different sensors from different vendors, allowing to the select the best cost-effective solution for your needs.

Example Use cases

1. Cooled Weapon Sight
2. Uncooled Vulcan Weapon Sight
3. Long Range Electro optic Naval tracker
4. Marine/Port Surveillance
5. Drone Detection / Tracking for border control

Contact Us

For more information, please contact us:

Sales@ex-sight.com

