

## PRESS RELEASE

FOR IMMEDIATE RELEASE

June 20, 2013

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### **Senso Optics debuts Miniature Thermal Sensor: The X-Lite**

**Compact, High-Resolution, 640 x 480, 17 $\mu$  Pixel size**

Hi-Res images Available upon Request

**Yokneam, Israel – June 18, 2013** – Senso Optics, a leader in the design, development and production of innovative thermal imaging technologies and advanced electro-optical solutions for military, paramilitary and security markets both in Israel and around the world, announces the new Miniature Thermal Sensor, the "X-Lite". The X-lite is a compact and lightweight Thermal Imaging Camera core for night vision.

"We did a tremendous amount of work developing improved thermal technologies for our Camera line, and we were able to achieve genuinely impressive reproduction in miniaturized form," says **Jacob Dagan, President & CEO of Senso Optics**. "The results were so successful that we were able to extend them to dedicated LWIR products like our new cameras and sensors systems. You simply have to see the video output in the field to believe what's possible from a compact High-Resolution Thermal Sensor."

The Senso Optics Thermal Sensor X-Lite is just 30mm x 34mm x 41mm size (with IO and power cards) and less than 80g weight. Boasting hi resolution 640x480, with 17 $\mu$  pixel size, the X-Lite generates sharp and tremendously clear images which allow better detection, and enable the user to see clearly in total darkness. It gives law enforcement officers, Search & Rescue teams, HLS patrols and any other person that needs to see at night without being seen, the information needed to make critical decisions, enhance mission effectiveness, maximize operational capabilities and improve safety.

The X-lite is equipped with a Smart Algorithms e.g. – Anti-Blooming, Drivers for zoom & focus lens control, High detailing (HD) Clatinex™ algorithm, Temperature Range compression and more.

The X-Lite is utilizing HS Vox detector (NETD  $\leq$  32 mk) or ASi detector (NETD  $\leq$ 50mk) and generates image instantly from "Power-On".

For more information about the X-lite please contact [info@sensio-optics.com](mailto:info@sensio-optics.com) or visit our website at <http://www.sensio-optics.com> to learn more about our complete product line.

### **About Senso – Optics:**

Senso Optics is a leader in the design, development and production of innovative thermal imaging technologies and advanced electro-optical solutions for military, law enforcement and security markets.

Senso Optics offers a wide range of targeting and visual information solutions for day and night missions. Its products can be easily customized and integrated into a variety of systems or operated as stand-alone units. Product lines include: Multi-sensor sights, fire control systems, hand held and vehicle mounted thermal imaging cameras, thermal upgrade kits, CCD cameras, border and strategic infrastructure monitoring solutions; thermal vision helmets for fire fighters and search & rescue units, as well as, thermal sensors and a wide range of thermal lenses.

The company invests extensively in R&D and in advancing product maturity, while maintaining strict QA and environmental policies.

Senso Optics is committed to remaining at the forefront of thermal vision technology and being a leader in visual information and targeting solutions for the defense, commercial and homeland security (HLS) markets.

<http://www.sensio-optics.com>

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### **Pictures:**



