



The new paradigm of infrared detection and imaging

Company Profile

Sirica Corporation was launched in 2003 by a group of seasoned, successful entrepreneurs and prominent scientists to commercialize a breakthrough innovation that can lay the foundation for a new paradigm of infrared (IR) detectors for the “night vision” and thermal imaging industries that will facilitate the migration of IR applications from the military high end applications to the mass commercial markets.

Combining expertise in silicon (Si), infrared detection and imaging (IR) and integrated circuits (IC), Sirica’s all-silicon approach brings revolutionary improvements in the cost, size and weight of high-resolution infrared detection/imaging devices, thereby enabling an all-new world of products for mass market applications.

Sirica’s technology is based on a physics discovery—made by Sirica’s CTO and technical team (based in Israel)—that provides a now-patented foundation for accomplishing IR detection and imaging in an all-silicon device, based on common CMOS & CCD visible silicon detectors that does not require special vacuum packaging or cooling.

The Company’s careful early assessment of the uniqueness of its technological approach resulted in a strategic decision to pursue broad patent protection soon after incorporation. Seed funding was obtained for pursuit of this intellectual property protection.

The Company maintains offices in Nesher, Israel and Dallas, Texas, USA.