

## **Boston Electronics Announces American Infrared Solutions' New 1280 x 1024 Nucleus™ Infrared Camera Line for OEMs, Engineers, and Researchers.**

April 28, 2023 Brookline, MA - American Infrared Solutions (AIRS), a leader in cooled infrared camera design and manufacturing has released the Nyx Nucleus™ line of performance IR cameras. Nucleus can be configured with MWIR or LWIR HD array sensor technologies, lens options, data output options and packaged in camera or OEM module form. Integrators and researchers can get the performance they need without the size, weight and cost burden found in most HD cooled cameras.

The Nucleus HD camera combined with Nyx Connect™ layered integration software accelerates integration time and camera setup. Nyx Connect is a lightweight connectivity solution for advanced end users and OEMs who simply need a quick, easy safe way to get the camera up and running and make basic adjustments. It's ideal for OEM's who will ultimately do their own image processing and researchers with specific data needs and prefer to work in MATLAB or other advanced tools for analysis.

Dan Manidakos, President of American Infrared Solutions, commented, "We are excited to introduce this new line of cameras to the OEM and scientific community. We have seen strong demand for compact, high-definition infrared systems with layered image processing. The Nucleus platform gives us the flexibility to help OEM's and researchers push new boundaries in emerging imaging applications".

Rick Mannello, CEO of Boston Electronics, said, "As a distribution partner of AIRS we are excited to make the Nucleus camera family available to users. The market already recognizes that AIRS is a technology and production leader for IR solutions. Thus, we expect users will quickly and confidently adopt the Nucleus."

About AIRS – based in Hudson, NH AIRS designs and builds high performance cooled infrared cameras for OEMs and researchers pushing the boundaries of imaging. Over 1,500 IDCAs and OEM modules have been delivered to date covering the entire spectrum of infrared applications including defense, hyperspectral systems, satellites, industrial and specialized scientific systems.

About Boston Electronics – based in Brookline, MA Boston Electronics is a leader in application support and sales distribution of advanced electro-optical products spanning the spectrum with THz, IR, visible and UV detection and emitting solutions. [www.boselec.com](http://www.boselec.com)

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