NEWS RELEASE

Princeton Infrared Technologies, Inc.
9 Deer Park Drive, Suite J-5
Monmouth Junction, NJ 08852
Contact: Martin Ettenberg
Phone: +1 609-917-3380
E-mail: Martin.Ettenberg@princetonirtech.com
Web Site: www.princetonirtech.com

Media Contact: Marlene Moore
Smith Miller Moore
Phone: 818-708-1704
Email: Marlene@smithmillermoore.com

For Immediate Release

Princeton Infrared Technologies Announces Phase II Award from MDA to Develop Time of Flight Camera for 3D Imaging

Monmouth Junction, NJ – Nov. 17, 2020 - Princeton Infrared Technologies, Inc. (PIRT), specialists in indium gallium arsenide (InGaAs) imaging technology and affordable shortwave-infrared (SWIR) linescan cameras, visible-SWIR science cameras, and 1- and 2-D imaging arrays, announces a Phase II Small Business Innovation Research (SBIR) award from the Missile Defense Agency (MDA) to fund the development of a 128x128 on 50µm pixel pitch radiation hardened Laser Detection and Ranging (LADAR) system. Princeton Infrared Technologies will focus on developing a flash LADAR module featuring indium gallium arsenide phosphide (InGaAsP) linear mode avalanche photodiodes (APDs) optimized for detection of 1.06µm light hybridized to a custom ROIC and operated with camera electronics.

In Phase I, PIRT developed the InGaAsP APD material structure and a unique ROIC circuit optimized for the application.

Martin H. Ettenberg, Ph.D., president of Princeton Infrared Technologies, Inc., notes, “We are excited about this Phase II research. The new APD detector structure combined with this unique ROIC design will enable an exciting space-based 3D LADAR system.”

To learn more about our line of affordable SWIR linear arrays and cameras, go to: www.princetonirtech.com or call 1-609-917-3380.

-more-

Princeton Infrared Technologies, Inc. (PIRT - www.princetonirtech.com) - Specialists in indium gallium arsenide (InGaAs) imaging technology, PIRT focuses on design and manufacture of both shortwave infrared cameras, and one- and two-dimensional imaging arrays. All products are created in the company's fabless environment under strict testing and quality control guidelines, providing innovative and cost-effective detectors that image in the visible, near- and shortwave-infrared wavelengths. Application areas include spectroscopy for sorting materials, moisture detection, thermal imaging, night vision, and laser imaging for military, industrial, and commercial markets.

# # #