



## PRESS RELEASE

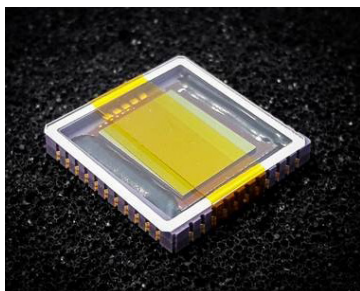
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### For Immediate Release

## Space Applications Benefit from New Sofradir SWIR Detectors

**Fairfield, NJ, (May 3, 2018)** - Sofradir EC Inc., producer of industry leading infrared camera cores and the exclusive distributor in the Americas for Sofradir and ULIS infrared detectors, is pleased to announce the availability of two new cost effective SWIR InGaAs sensors.

Short Wave Infrared (SWIR) technology is becoming the go-to detection technology to support many of the latest space related applications. Whether collecting data through natural or man-made phenomena or identifying and profiling satellite laser beams, SWIR is emerging as the wavelength of choice for both atmospheric and earth observation as well as cross platform communications and control.



*SNAKE SW Tecless: No Window*

The 640 x 512 VGA format detectors with 15-micron pixels are available in two versions: SNAKE SW, a hermetically sealed metal package which includes an integral TEC (thermo-electric cooler) and SNAKE SW Tecless, a hermetically sealed ceramic package without a TE Cooler.

Both detectors are designed for wavelengths ranging from 0.9 - 1.7 micron and boast low noise, fast frame rates up to 300Hz, excellent image quality and a pixel operability of greater than 99.5 percent. The Tecless version can be configured with or without an anti-reflective coated window providing the end user additional system architecture flexibility.

Applicable for use in low earth orbit (LEO) systems, the SWIR detectors are compact, utilize very little power and are cost effective. In particular, the SNAKE SW Tecless has a footprint of only 0.65" x 0.65" and consumes less than 160nW in 2 output mode.

To learn more about the new SWIR detectors please visit  
<http://www.sofradir-ec.com/products/vga-resolution/snake-sw.html>

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### **About Sofradir EC Inc.**

Headquartered in Fairfield, New Jersey, Sofradir EC, Inc. is at the forefront of infrared detection technology for commercial, space and defense applications. As a member of the Sofradir Group of companies, Sofradir EC, Inc. develops and manufactures advanced thermal imaging camera cores and night vision systems. Since 1969, the company has maintained its focus on delivering products that reflect exceptional engineering capabilities. Sofradir EC is the also exclusive distributor in North America for Sofradir infrared detectors and ULIS thermal sensors. Together Sofradir EC Inc., Sofradir and ULIS employ more than 1000 staff. The group generated an annual turnover of \$270M in 2017.

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