

NEWS RELEASE

Advanced Photonix

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For Immediate Release

Advanced Photonix Announces Extended Visible (XV) InGaAs Position-Sensitive Detectors

Camarillo, Calif. – September 20, 2022 – Advanced Photonix, a division of OSI Optoelectronics, introduces a high-sensitivity, high-accuracy, 2 mm diameter Position-Sensing Detector (PSD) with spectral response from the visible out to the near and short-wave infrared (NIR-SWIR) wavelengths.

The innovative **APX-PSD-XVInG-3.1** is a low noise PSD with sensitivity from 400 nm to 1700 nm and high-position detection accuracy.



APX's 400-1700 nm PSD features 2k Ω inter-electrode resistance, high shunt resistance, low capacitance, and 20 μ m position detection error. The highly sensitive PSDs are conveniently housed in a hermetically sealed TO-5 package or a 5 mm by 3.6 mm surface mount ceramic package with an anti-reflective window, making them suitable for integration into a variety of systems.

Advanced Photonix's new PSD is specially designed for Extended Visible InGaAs position-sensing applications in communication and defense for alignment, nulling, centering, targeting, and guidance systems. To learn more about APX-PSD-XVInG-3.1, please download the datasheet here: <https://www.advancedphotonix.com/wp-content/uploads/2015/07/DS-APX-PSD-XVInG-3.1.pdf>

Advanced Photonix, a division of OSI Optoelectronics, is the leading global provider of innovative photonics, optoelectronics, and advanced electronic systems for prominent aerospace & defense, medical, and industrial OEMs that demand high-reliability, high-performance, market-driven technology solutions today.