



Excelitas Technologies Introduces PYD 1798 Dual-Element DigiPyro Detector

WALTHAM, Mass., January 29, 2020 –

[Excelitas Technologies® Corp.](#), a global technology leader delivering innovative, customized photonic solutions, unveils the newly improved [PYD 1798 Dual-Element DigiPyro® Detector](#). Featuring improved energy efficiency with a supply voltage range of 1,8V – 3,6V at 4µA current consumption, PYD 1798 is an ideal sensor for battery-operated devices requiring long life time and low energy consumption including smart home, Internet of Things (IoT), auto lighting, safety and security applications.



The PYD 1798 is part of Excelitas' modular DigiPyro product platform for low voltage operation and lowest current consumption. This allows the extension of the product portfolio toward variable field-of-view (FOV) and multi-element detectors for ceiling mount motion and presence detection.

Product features include:

- Wide FOV for flexible optics design
- High EMI immunity through TO-type metal package
- Low supply voltage
- Low power consumption
- Battery operation

“Excelitas’ DigiPyro PYD 1798 offers OEMs a better quality, lower power consumption dual-element DigiPyro with improved functionality, backed by Excelitas’ outstanding design-in support, customization and flexibility,” said Fred Plotz, Product Manager | IR Sensing at Excelitas. “As a result, customers can develop a wide range of battery-operated and power-line operation devices, which meet the long life time and low energy consumption needs of next-generation smart home, IoT, auto lighting, safety and security technology.”

The DigiPyro PYD 1798 sensor will be on display at [Photonics West](#), February 1 – 6, 2020. Visit Excelitas at booth #1149 to learn more.

###

About Excelitas Technologies

Excelitas Technologies Corp. is a photonics technology leader focused on delivering innovative, high-performance, market-driven solutions to meet the lighting, optronics, detection and optical technology needs of our OEM customers. Serving a vast array of applications across biomedical, scientific, safety, security, consumer products,



semiconductor, industrial manufacturing, defense and aerospace sectors, Excelitas stands committed to enabling our customers' success in their end-markets. Our photonics team consists of 7,000 professionals working across North America, Europe and Asia, to serve customers worldwide. Connect with Excelitas on [Facebook](#), [LinkedIn](#) and [Twitter](#).

Visit <http://www.excelitas.com> for more information.

Excelitas® and DigiPyro® are registered trademarks of Excelitas Technologies Corp. All other products and services are either trademarks or registered trademarks of their respective owners.

Contacts:

Scott Orr
Senior Director of Global Marketing - Commercial
scott.orr@excelitas.com
+1 (781) 996-5925

Cheryl Reynhout or Jill Anderson
On Behalf of Excelitas Technologies Corp.
SVM Public Relations
excelitas@svmmarcom.com
+1 (401) 490-9700