



## Excelitas Technologies Launches New Low-Power DigiPyro Motion Detectors

*DigiPyro PYD 1500 Series Meets Need for Enhanced Performance at Lower Voltage*



**WALTHAM, Mass., May 12, 2016** – [Excelitas Technologies® Corp.](#), a global technology leader focused on delivering innovative, customized photonic solutions, introduces next-generation, digital pyro detection technology in its new, low-power DigiPyro® PYD 1500 Series for battery-operated motion detection. DigiPyro PYD 1500 Series detectors improve detection range and sensitivity at only 1.8V to address the growing demand for enhanced performance and functionality with reduced supply voltage requirements.

Designed for applications such as IP cameras and wireless intrusion alarms, PYD 1588 operates at 1.8V up to 3.3V with increased effective sensing range and faster activation. New selectable band pass function and improved selectable pulse count enable fulfillment of specific customer design requirements. The “Gen2” DigiPyro PYD 1500 Series is an upgrade from the PYD 1600 Series that was introduced with great success in 2015.

DigiPyro PYD 1500 Series detectors feature wake-up/sleep modes to promote power savings and extend service life, making it ideal for prolonged battery-operated motion detection. Continuous motion sensing, signal processing and event/motion detection is handled onboard by the Low-Power DigiPyro, while the hosting microcontroller can be set into a power saving mode. Only upon detection of motion, per its programmed settings, the Low-Power DigiPyro signalizes the microcontroller to wake up.

With this enhanced expansion of the DigiPyro Series, Excelitas now offers a complete family of low-power motion detection products with the new PYD1588, PYD1598 and PYQ1548, in addition to the PYD1688, PYD1698, and PYQ1648.

The new low-power DigiPyro PYD 1500 Series detectors will be featured in Excelitas' booth (#1121) at [Sensors Expo & Conference](#) in San Jose, CA, June 21-23, 2016. For more information about Excelitas products, visit [www.excelitas.com](http://www.excelitas.com).

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### **About Excelitas Technologies**

Excelitas Technologies Corp. is a global technology leader focused on delivering innovative, high-performance, market-driven photonic solutions to meet the lighting, detection and optical technology needs of global customers. From biomedical technology to research laboratory, safety and security, consumer products, semiconductor, energy and environment, industrial sensing & imaging, defense and aerospace, Excelitas Technologies is committed to enabling our customers' success in their end-markets. Excelitas Technologies acquired Qioptiq in 2013 and now has approximately 5,500 employees in North America, Europe and Asia, serving customers across the world. Connect with Excelitas on [Facebook](#), [LinkedIn](#) and [Twitter](#).



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