

**FLIR Announces Blackfly S Camera is First-To-Market with Sony Pregius Generation 3 Sensors**

**WILSONVILLE, Ore. – January 7, 2019 –**FLIR announces a Q1 2019 availability date for its upcoming Blackfly S camera model, leveraging the new Sony IMX428 from the Pregius Generation 3 global shutter CMOS sensor line. The new IMX428 introduces a new 4.5 µm pixel size, which delivers higher saturation capacity and greater dynamic range than Sony’s popular 3.45 µm sensors, while maintaining the high quantum efficiency and low read noise that Pregius sensors are renowned for.

Combined with the rich features of the Blackfly S camera family, the model is ideal for:

* The IMX428's high frame rate, global shutter, and HD resolution are ideal for high-throughput inspection
* NIR sensitivity is ideal for inspection of polymer and semiconductor parts as well as fruit sorting
* High saturation capacity, quantum efficiency, and low read noise will serve high resolution microscopy and biomedical applications well
* The IMX428 has a similar optical format and pixel size as the ICX694 but faster and with improvements in absolute sensitivity threshold, read noise, quantum efficiency, and dynamic range

Find detailed specifications at [www.flir.com/mv](http://www.flir.com/mv) or email [mv-sales@flir.com](mailto:mv-sales@flir.com) with inquiries.

***About FLIR Systems***

*Founded in 1978 and headquartered in Wilsonville, Oregon, FLIR Systems is a world-leading maker of sensor systems that enhance perception and heighten awareness, helping to save lives, improve productivity, and protect the environment. Through its nearly 3,500 employees, FLIR's vision is to be "The World's Sixth Sense" by leveraging thermal imaging and adjacent technologies to provide innovative, intelligent solutions for security and surveillance, environmental and condition monitoring, outdoor recreation, machine vision, navigation, and advanced threat detection. For more information, please visit* [*www.flir.com*](http://www.flir.com/) *and follow* [*@flir*](http://www.twitter.com/flir)*.*