

**FLIR Systems Releases New Blackfly S Machine Vision USB3 Camera with Sony’s Pregius S Sensor**

*Featuring the Newest Sony Pregius Sensor Generation, Pregius S, the Latest Blackfly S Model Provides Significantly Higher Resolution, Superior Imaging Quality, and Low-Light Performance*

**ARLINGTON, Va., June 18, 2020** – FLIR Systems, Inc. (NASDAQ: FLIR)today announced the availability of the new FLIR Blackfly S visible spectrum camera module, the first to integrate the Sony Pregius S IMX540 sensor with 24.5 MP at 12 FPS in a USB3 camera. The combination of the Blackfly S feature set with IMX540’s high megapixel (MP) count and fast imaging enables engineers and researchers from biomedical to semiconductor industries to inspect more in less time and with fewer cameras required.

“OEM machine designers, engineers and researchers rely on FLIR for high quality, full-feature machine vision cameras,” said Paul Clayton, General Manager, Components Business at FLIR Systems. “With this latest Blackfly S model, we continue the tradition of combining the best technology with world-class support to empower our customers to achieve their objectives faster and at lower costs.”

**Pairing FLIR’s Machine Vision Expertise with Advanced Sony Sensors**

With a new backside illuminated (BSI) 2.74 µm pixel, the Pregius S sensors nearly doubles the pixel density of earlier Pregius sensors while taking advantage of lower cost and more compact lenses. Delivering 24 MP, 12 FPS Sony Pregius distortion-free imaging of fast-moving targets, the Blackfly S enables faster production lines even for very detailed inspection. The Blackfly S also delivers high quantum efficiency and low read noise allowing shorter exposure times, and therefore less powerful lights are required resulting in lower lighting costs.

The FLIR Blackfly S BFS-U3-244S8M/C-C is available for purchase globally today in color and monochrome versions through FLIR and authorized FLIR distributors. FLIR will also release additional Pregius S sensors on GigE and 10GigE interfaces later this year. To learn more about the Sony Pregius S, visit: <https://www.flir.com/discover/iis/machine-vision/pregius-s/>. For Blackfly S specifications, go here for the [Color](https://www.flir.com/products/blackfly-s-usb3?model=BFS-U3-244S8C-C) and [Monochrome](https://www.flir.com/products/blackfly-s-usb3?model=BFS-U3-244S8M-C) versions.

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***About FLIR Systems, Inc.***

*Founded in 1978, FLIR Systems is a world-leading industrial technology company focused on intelligent sensing solutions for defense, industrial, and commercial applications. FLIR Systems’ vision is to be “The World’s Sixth Sense, creating technologies to help professionals make more informed decisions that save lives and livelihoods. For more information, please visit* [*www.flir.com*](https://www.flir.com/) *and follow* [*@flir.*](https://twitter.com/flir?ref_src=twsrc%5Egoogle%7Ctwcamp%5Eserp%7Ctwgr%5Eauthor)

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