

FLIR Introduces StormCaster Payload Family for its SkyRaider and SkyRanger Unmanned Aerial Systems

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Next-Generation Line of UAS Payloads Delivers High-Performance, Multi-Sensor Capabilities for ISR, Event Overwatch, Search and Rescue, and Force Protection Missions

ARLINGTON, Va.--(BUSINESS WIRE)--Nov. 19, 2019-- FLIR Systems, Inc. (NASDAQ: FLIR) announced today the FLIR StormCaster™ family of Unmanned Aerial System (UAS) payloads for its SkyRanger® R70 and R80D SkyRaider® airframes. The new line launches with two multi-sensor products –StormCaster-T, which delivers continuous zoom and longwave infrared (LWIR) imaging; and StormCaster-L, which provides ultra-low-light imaging, tracking, and mapping.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20191119005274/en/>



StormCaster represents FLIR Systems' next generation payload family for the company's own UAS airframes gained through the acquisition of Aeryon Labs in February 2019. The new line reflects a leap forward in scalable performance, offering a 7X improvement in line-of-sight stabilization, enhanced range of motion, and greater geolocation accuracy – all in a rugged package. Interoperability across the StormCaster family enables users to quickly and easily change modules on the FLIR SkyRanger and SkyRaider UAS systems. The StormCaster line will leverage continuing improvements in aircraft performance, providing small units with the organic capability to conduct increasingly demanding missions such as intelligence, surveillance, and reconnaissance (ISR).

“StormCaster-L and –T are just the beginning of this new line of advanced, high-performance payloads for our small, tactical UAS platforms,” said David Ray, president of the Government and Defense Business Unit at FLIR. “For mission needs ranging from force protection and border security to clandestine operations, FLIR StormCaster will provide heightened situational awareness, bolstered by our

With two new products, FLIR Systems introduced its StormCaster family of next-generation drone payloads for its SkyRanger R70 and R80D SkyRaider airframes. The new StormCaster-T features a FLIR Boson thermal camera, which delivers sharp, clear images day or night at maximum range for object detection, recognition, and target acquisition. (Photo: Business Wire)

aircraft's onboard, real-time artificial intelligence.

“We will develop more multi-sensor payloads through 2020 that deliver on our promise to offer capabilities at the individual operator level that previously required larger, more expensive UAS,” Ray added.

The StormCaster-T features a FLIR Boson thermal camera to support detection, recognition, identification, and target acquisition day or night, with maximum range and time-on-station. Its continuous zoom lens, with a 75-millimeter maximum focal length, permits long distance ISR while providing clear, actionable imagery. The StormCaster-L ultra-low-light imaging camera offers superior ISR and mapping performance during twilight and nighttime operations. Key features include 4K recorded video and full-color night vision in low-light conditions.

Developed for United States (U.S.) defense and federal agencies, the R80D SkyRaider delivers a range of versatile Group 2 and 3 payload capabilities with the agility and single-operator deployment footprint of a proven Group 1 Vertical Take-Off and Landing (VTOL) aircraft. SkyRaider can carry and deliver multiple payloads up to 4.4 pounds and features an open architecture, plus one of the most powerful embedded AI computing devices available on a sUAS. Similar in capabilities to the R80D but for non-U.S. military customers, the SkyRanger R70 was designed for the most demanding UAS operators within the global defense, security, and public safety markets.

The new StormCaster payloads are available for purchase today. For more on FLIR StormCaster offerings, visit www.flir.com/StormCaster-L and www.flir.com/StormCaster-T.

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 and follow [@flir](https://twitter.com/flir).

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