

FLIR Launches Ranger HDC MR High-Definition Mid-Range Surveillance System

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New AI-Ready HD Thermal Imaging System Reduces Costs and Logistics; Boosts Surveillance Capability for Border and Infrastructure Security, Force Protection, and Counter-UAS Applications

ARLINGTON, Va.--(BUSINESS WIRE)-- FLIR Systems, Inc. (NASDAQ: FLIR) today announced the launch of the FLIR Ranger® HDC MR, a new high-definition midrange surveillance system. The Ranger HDC MR sets a new standard for surveillance with its ability to detect illegal activities even in degraded weather conditions, utilizing embedded analytics and image processing to reduce the cognitive workload, enabling operators to distinguish quickly between true threats and false alarms.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20200310005170/en/>



The FLIR Ranger HDC MR is a high-performance HD thermal imaging system for about the same price as standard resolution systems. Compared to standard systems, Ranger HDC MR can capture a wider array of views with the same target resolution, thanks to its HD imagery. Mission capability is extended two-fold with a built-in fog filter to see through fog and haze, as well as an optional Merlin ASX turbulence filter to see through heat/air turbulence for more accurate target classification. Ranger HDC MR also is ready to host on-board AI image processing for faster decision-making. Its advanced technology improves reliability while lowering downtime and maintenance with a lifelong core that more than doubles the mean-time between failures of previous models.

“Whether securing borders, ports, facilities or troops, the FLIR Ranger HDC MR delivers a new level of surveillance so operators can act fast against threats,” said David Ray, president of the Government & Defense Technologies business at FLIR. “This new system can eliminate days of inefficient surveillance by using on-the-edge technology to see through

FLIR Ranger® HDC MR sets a new standard for surveillance with its ability to detect illegal activities, even in degraded weather conditions, using embedded analytics and advanced image processing so operators can distinguish quickly between true threats and false alarms. (Photo: Business Wire)

poor weather conditions, increasing up-time. Our powerful Ranger HDC MR offers customers a cost-effective solution that boosts mission success.”

Equipped with a high-definition thermal imager with a 1280 x 720 detector and a 1920 x 1080 HD color TV camera, the Ranger HDC MR is designed for integration with other sensors, making it ideal for counter-unmanned aerial system (C-UAS) applications. The AI-ready HDC MR also includes an industry leading cybersecurity tool that lowers risk by scanning each software release to help ensure the system is protected from cyber-attacks.

The FLIR Ranger HDC MR is available for order now and will begin shipping in Q3-2020. To learn more, visit flir.com/products/ranger-hdc-mr.

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).

Forward Looking Statements

The statements in this release by David Ray and the other statements in this release about the contract and order described above are forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995. Such statements are based on current expectations, estimates, and projections about FLIR's business based, in part, on assumptions made by management. These statements are not guarantees of future performance and involve risks and uncertainties that are difficult to predict. Therefore, actual outcomes and results may differ materially from what is expressed or forecasted in such forward-looking statements due to numerous factors, including the following: the ability to manufacture and deliver the systems referenced in this release, changes in pricing of FLIR's products, changing demand for FLIR's products, product mix, the impact of competitive products and pricing, constraints on supplies of critical components, excess or shortage of production capacity, the ability of FLIR to manufacture and ship products in a timely manner, FLIR's continuing compliance with U.S. export control laws and regulations, and other risks discussed from time to time in FLIR's Securities and Exchange Commission filings and reports. In addition, such statements could be affected by general industry and market conditions and growth rates, and general domestic and international economic conditions. Such forward-looking statements speak only as of the date on which they are made and FLIR does not undertake any obligation to update any forward-looking statement to

reflect events or circumstances after the date of this release, or for changes made to this document by wire services or Internet service providers.

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