

Teledyne FLIR Defense Unveils New Black Hornet 4 Personal Reconnaissance System at AUSA Conference

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Next gen nano-drone builds on battle-proven Black Hornet 3 legacy; Delivers improved range, endurance, signature and imagery data while providing covert situational awareness to warfighters

WASHINGTON--(BUSINESS WIRE)-- Teledyne FLIR Defense, part of Teledyne Technologies Incorporated (NYSE:TDY), is introducing its new Black Hornet® 4 Personal Reconnaissance System at this week's Association of the U.S. Army (AUSA) conference in Washington D.C.

Teledyne FLIR Defense has introduced its new Black Hornet® 4 Personal Reconnaissance System. Building on the battle-proven legacy of its predecessor, Black Hornet 4 represents the next generation of lightweight nano-drones delivering covert situational awareness to small military units. At just 70 grams, Black Hornet 4 has a flying time of more than 30 minutes, range greater than two kilometers, and can fly in 25-knot winds. Flight performance has been augmented by new obstacle avoidance capabilities and an advanced battery. A new 12MP daytime camera with superior low-light performance, plus new high-resolution thermal imager, deliver crisp video and still images to the operator. (Photo: Business Wire)

Black Hornet 4 represents the next generation of lightweight nano-drones, building on its predecessor to deliver enhanced covert situational awareness to small units. A new 12-megapixel daytime camera with superior low-light performance, plus new high-resolution thermal imager,

deliver crisp video and still images to the operator. At just 70 grams, Black Hornet 4 has a flying time of more than 30 minutes, range greater than two kilometers, and can fly in 25-knot winds. Flight performance has been augmented by new obstacle avoidance capabilities and an advanced battery.

Compared to small quad-rotor drones, the single rotor Black Hornet 4 unmanned aerial vehicle (UAV) has an

extremely low visual and audible signature, enabling it to identify threats day or night without being detected. Able to launch in less than 20 seconds and well suited for missions in GPS-denied environments, the Black Hornet 4 UAV can be used to rapidly identify targets beyond visual line-of-sight and assess weapon effects in real-time.

“Black Hornet 4 takes the features and capabilities that made Black Hornet 3 world renowned to the next level,” said Dr. JihFen Lei, executive vice president and general manager of Teledyne FLIR Defense. “We’ve worked closely with customers and end users to make this system even more valuable for dismounted soldiers in need of situational understanding or engaged in covert operations, where precise and immediate intel is crucial.

“Black Hornet 4 is future-proof nano-drone technology,” Lei added.

FLIR Defense has delivered more than 20,000 Black Hornet PRS systems to military and security forces in over 40 countries. Black Hornet drones are currently being used in Ukraine through donations made by the British and Norwegian governments, where they have performed successfully in numerous missions under the harshest of environments.

The U.S. Army began acquiring Black Hornets five years ago as part of its Soldier Borne Sensor program and since then has placed orders totaling more than \$125 million. In July, the Army awarded Teledyne FLIR a five-year contract worth up to \$94 million for additional Black Hornet systems.

Visit Teledyne FLIR Defense at AUSA in Hall A, Booth 1003, to see the new Black Hornet 4, or learn more **online**. Black Hornet 4 is designed and built by FLIR Defense in Norway.

About Teledyne FLIR

Teledyne FLIR, a Teledyne Technologies company, is a world leader in intelligent sensing, unmanned systems, and integrated solutions for defense and industrial markets, with roughly 4,000 employees worldwide. Founded in 1978, the company develops a wide range of advanced technologies to help professionals make better, faster decisions that save lives and livelihoods. To learn more, visit **teledyneflir.com** or follow @flir. #AnyThreatAnywhere

About Teledyne Technologies

Teledyne Technologies is a leading provider of sophisticated digital imaging products and software, instrumentation, aerospace and defense electronics, and engineered systems. Teledyne's operations are primarily located in the United States, the United Kingdom, Canada, and Western and Northern Europe. For more information, visit Teledyne's website at **www.teledyne.com**.

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