



AEye Provides Update on Apollo 4Sight's Record-Breaking Behind-the-Windshield Performance

January 6, 2025

Demo available at CES 2025

PLEASANTON, Calif.--(BUSINESS WIRE)--Jan. 6, 2025-- AEye, Inc. (Nasdaq: LIDR), a global leader in adaptive, high-performance lidar solutions, today announced an update on 4Sight's™ record-breaking, behind-the-windshield performance.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20250106940964/en/>



Apollo can be seamlessly integrated behind a vehicle windshield (Photo: Business Wire)

has proven its ability to consistently deliver high-resolution detection of hard-to-perceive black vehicles at a distance of over 300 meters, while maintaining a 120° x 20° overall field of view – all from behind the windshield.

"Apollo has a distinct advantage over other lidar units that are mounted on the top of the car to eliminate the optical challenges presented by the standard glass windshield. Our dynamic tests were performed using a windshield from Wideye®, a division of AGC, and optimized for high infrared transparency, showcasing the capabilities of AEye's 1550-nanometer lidar.

"We expect this integration behind the windshield to provide several advantages including lower overall system costs and a cleaner roofline. Based on our rapid progress, we believe that we now have the best lidar solution currently available."

Those attending CES January 7-10, 2025, will have the opportunity to experience Apollo firsthand through live demonstrations. For potential customers and partners interested in seeing live Apollo demos, please contact CES@AEye.ai.

About Apollo

Apollo is the first product in AEye's 4Sight™ flex next-generation family of lidar sensors and delivers best-in-class range and resolution in a small, power-efficient, low-cost form factor. Apollo supports options for integration behind the windshield, on the roof, or in the grille, which enables OEMs to implement critical safety features with minimal impact to vehicle design. Apollo is believed to be the only 1550 nm high-performance lidar capable of behind the windshield integration. The sensor was unveiled at the Auto Lidar Tech Conference in Suzhou, China in June 2024 and in October 2024, we announced that Apollo accurately detected vehicles and other objects on a busy freeway at distances beyond one kilometer.

About AEye

AEye's unique software-defined lidar solution enables advanced driver-assistance, vehicle autonomy, smart infrastructure, and logistics applications that save lives and propel the future of transportation and mobility. AEye's 4Sight™ Intelligent Sensing Platform, with its adaptive sensor-based operating system, focuses on what matters most: delivering faster, more accurate, and reliable information. AEye's 4Sight™ products, built on this platform, are ideal for dynamic applications which require precise measurement imaging to ensure safety and performance.

Forward-Looking Statements

Certain statements included in this press release that are not historical facts are forward-looking statements within the meaning of the federal securities laws, including the safe harbor provisions under the United States Private Securities Litigation Reform Act of 1995. Forward-looking statements are sometimes accompanied by words such as "believe," "continue," "project," "expect," "anticipate," "estimate," "intend," "strategy," "future," "opportunity," "predict," "plan," "may," "should," "will," "would," "potential," "seem," "seek," "outlook," and similar expressions that predict or indicate future events or trends, or that are not statements of historical matters. Forward-looking statements are predictions, projections, and other statements about future events that are based on current expectations and assumptions and, as a result, are subject to risks and uncertainties. Forward-looking statements included in this press release include statements about the performance of AEye's Apollo lidar sensor and the advantages of behind-the-windshield placement, among others. These statements are based on various assumptions, whether or not identified in this press release. These forward-looking statements are provided for illustrative purposes only and are not intended to serve as and must not be relied on by an investor as a guarantee, an assurance, a prediction, or a definitive statement of fact or probability. Actual events and circumstances are very difficult or impossible to predict and will differ from the assumptions. Many actual events and circumstances are beyond the control of AEye. Many factors could cause actual future events to differ from the forward-looking statements in this press release, including but not limited to: (i) the risks that the distinct advantage over other lidar units that are mounted on the top of the car may not be recognized by the market or consumers to the extent anticipated, or at all; (ii) the risks that the advantages of integration behind the windshield may not be recognized by the market or consumers to the extent anticipated, or at all; (iii) the risks that AEye may not have the best lidar solution currently available; (iv) the risks that lidar adoption may occur slower than anticipated or fail to occur at all; (v) the risks that AEye's products may not meet the diverse range of performance and functional requirements of target markets and customers; (vi) the risks that AEye's products may not function as anticipated by AEye, or by target markets and customers; (vii) the risks that AEye may not be in a position to adequately or timely address either the near or long-term opportunities that may or may not exist in the evolving autonomous transportation industry; (viii) the risks that laws and regulations are adopted impacting the use of lidar that AEye is unable to comply with, in whole or in part; (ix) the risks associated with changes in competitive and regulated industries in which AEye operates, variations in operating performance across competitors, and changes in laws and regulations affecting AEye's business; (x) the risks that AEye is unable to adequately implement its business plans, forecasts, and other expectations, and identify and realize additional opportunities; and (xi) the risks of economic downturns and a changing regulatory landscape in the highly competitive and evolving industry in which AEye operates. These risks and

AEye CEO Matt Fisch said, "Our talented team continues to push the boundaries of what is possible from Apollo, our small yet powerful, software-defined lidar sensor. I am pleased to report that our Apollo sensor

uncertainties may be amplified by current or future global conflicts and the lingering effects of the COVID-19 pandemic, which continues to cause economic uncertainty. The foregoing list of factors is not exhaustive. You should carefully consider the foregoing factors, and the other risks and uncertainties described in the "Risk Factors" section of the periodic report that AEye has most recently filed with the U.S. Securities and Exchange Commission, or the SEC, and other documents filed by us or that will be filed by us from time to time with the SEC. These filings identify and address other important risks and uncertainties that could cause actual events and results to differ materially from those contained in the forward-looking statements. Forward-looking statements speak only as of the date they are made.

Readers are cautioned not to put undue reliance on forward-looking statements; AEye assumes no obligation and does not intend to update or revise these forward-looking statements, whether as a result of new information, future events, or otherwise. AEye gives no assurance that AEye will achieve any of its expectations.

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