AEye to Showcase Apollo One Kilometer Lidar Integrated with NVIDIA AGX DRIVE Thor™ at CES to Enable Next-Generation Physical AI

January 6, 2026

PLEASANTON, Calif.--(BUSINESS WIRE)--Jan. 6, 2026-- AEye, Inc. (Nasdaq: LIDR), a global leader in software-defined lidar solutions, today announced the integration of its long-range Apollo lidar with the NVIDIA AGX DRIVE Thor ™ automotive computing platform, to enable high-performance sensing and perception for next-generation physical AI systems.

The integration combines AEye's long-range, software-defined Apollo lidar with NVIDIA's Thor centralized AI compute, delivering a scalable architecture for advanced driver assistance systems (ADAS), autonomous vehicles, and intelligent mobility applications. By pairing Apollo's high-resolution, one-kilometer detection capability with NVIDIA's real-time AI processing, the solution enables faster, more accurate object detection and decision-making at highway speeds and beyond.

"Physical AI systems demand both long-range visibility and intelligent, real-time interpretation of the environment," said Matt Fisch, CEO of AEye. "By integrating Apollo with NVIDIA AGX DRIVE Thor™, we're delivering one of the most powerful sensing and compute combinations to help OEMs and system developers build safer, more capable platforms with fewer sensors, lower complexity, and a clear path to scale."

The combined solution should support a wide range of applications, including highway autonomy, advanced safety systems, intelligent transportation infrastructure, and commercial vehicle platforms, where long-range detection and rapid response are critical.

AEye is expected to showcase the integrated solution through demonstrations and customer engagements in 2026, highlighting how software-defined sensing and centralized AI compute can accelerate the deployment of physical AI across automotive and mobility markets.

About AEye

AEye offers a suite of unique software-defined lidar solutions that address a wide range of real-world needs including advanced driver-assistance, vehicle autonomy, smart infrastructure, security, defense, and logistics applications. AEye's flagship product, Apollo, has been widely recognized for its small form factor and its ability to detect objects at up to one kilometer. In addition to Apollo, AEye also offers Stratos™ with the ability to detect objects at up to one-and-half kilometers as well as a full-stack solution through its OPTIS™ platform. OPTIS™ provides a complete system that captures a high-resolution 3D image of the world, interprets it, and provides direction to act upon what it sees in real-time.

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 anticipated capabilities of the solution integrating AEye's Apollo lidar and NVIDIA's Thor computing platform, and the use cases for the integrated solution, 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 integrated solution combining Apollo with NVIDIA's Thor may not deliver the scalable architecture for advanced driver assistance systems (ADAS), autonomous vehicles, and intelligent mobility applications to the extent or in the time frame anticipated, or at all; (ii) the risks that the pairing of Apollo and NVIDIA's real-time AI processing may not enable faster, more accurate object detection, or decision-making at highway speeds and beyond to the extent or in the time frame anticipated, or at all; (iii) the risks that the integration of Apollo with NVIDIA AGX DRIVE Thor™ may not enable OEMs and system developers to build safe, more capable platforms with fewer sensors, lower complexity and a clear path to scale to the extent or in the time frame anticipated, or at all; (iv) the risks that the combined solution may not support a wide range of applications, including highway autonomy, advanced safety systems, intelligent transportation infrastructure, and commercial vehicle platforms, to the extent or in the time frame anticipated, or at all; (v) the risks that AEye may be unable to showcase the integrated solution through demonstrations, customer engagements, or otherwise in 2026 to the extent or in the time frame anticipated, or at all; (vi) the risks that Apollo may not be able to detect all objects in all scenarios at distances of up to one kilometer; (vii) the risks that the lidar market may not continue to grow to the extent anticipated, or at all; (viii) the risks that lidar adoption may occur slower than anticipated or fail to occur at all; (ix) the risks that AEye's products may not meet the diverse range of performance and functional requirements of target markets and customers; (x) the risks that AEye's products may not function as anticipated by AEye, or by target markets and customers; (xi) 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; (xii) 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; (xiii) 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; (xiv) the risks that AEye is unable to adequately implement its business plans, forecasts, and other expectations, and identify and realize additional opportunities; and (xv) the risks of economic downturns and a changing regulatory landscape in the highly competitive and evolving industry in which AEye operates. These risks and uncertainties may be amplified by current or future global conflicts and current and potential trade restrictions, trade tensions, and tariffs, all of which continue to cause economic uncertainty. 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.

Investors 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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