AEye Announces Groundbreaking Immersive Lidar Experience for Attendees at CES 2023

December 5, 2022

Be One of the First to Step Inside a Lidar Data Point Cloud to Experience How Vehicles Sense the World in Motion at AEye's Safer Mobility for All Exhibit

DUBLIN, Calif.--(BUSINESS WIRE)--Dec. 5, 2022-- AEye, Inc. (NASDAQ: LIDR), a global leader in adaptive, high-performance lidar solutions, invites attendees to an immersive lidar experience at the Consumer Electronics Show (CES), taking place January 5 - 8, 2023 in Las Vegas. Visitors to AEye's indoor and outdoor exhibit areas can experience lidar first-hand by stepping inside a virtual reality lidar data point cloud, walking through a live, lidar-monitored crosswalk, and riding through the streets of Las Vegas in AEye's ShadowVan demonstration vehicle.

To experience the power and precision of adaptive lidar, visit AEye **booth #3429** in the West Hall of the Las Vegas Convention Center (LVCC), and at the live demonstration area outside the LVCC, in the West Hall lot. To set up a meeting or schedule a demo, contact CES@aeye.ai.

Safer Mobility for All

AEye lidar enables safer mobility for all modes of transportation - from cars and trucks, to pedestrians and cyclists. Roadway fatalities continue to increase at an alarming rate, and are at a 16-year high, with nearly 50,000 fatalities annually due to motor vehicle and pedestrian-vehicle traffic collisions. At CES, AEye will demonstrate how reducing those numbers using technology is possible - now. The company will also release findings of its "Safer Mobility Survey," conducted in partnership with the Partners for Automated Vehicle Education (PAVE), which gauges Americans' views on road safety for all road users, including drivers, pedestrians, and bicyclists.

An Immersive Lidar Experience

Through a series of interactive demonstrations, visitors to AEye's West Hall locations will learn how adaptive lidar improves pedestrian safety, enables safe, high-speed highway ADAS and autonomous functionality, and future-proofs autonomous development.

Attendees can visit AEye in one of two locations for an immersive lidar demo experience:

Inside, at booth #3429, in the LVCC West Hall:

- **Journey through a point cloud** – Don a virtual reality headset and walk through a point cloud to see first-hand how lidar accurately captures information about the 3D world.
- **Experience a lidar-monitored crosswalk** – Walk through a live, lidar-monitored crosswalk to see how adaptive lidar works in real-time to identify and track pedestrians in a zone in order to improve crowd monitoring and enhance pedestrian safety.

Outside, in the LVCC West Hall lot:

- **Take a Ride in AEye's ShadowVan** – Experience Continental's HRL131 Long Range Lidar production intent sample, built on AEye's 4Sight™ Intelligent Sensing Platform, as it reconfigures performance modes on-the-fly for optimized perception in different driving environments, such as parking lots, city streets, and highways.
- **Immerse yourself in a point cloud** – Put on a VR headset and fly through a live, long-range point cloud to see how it accurately captures the world in 3D.
- **Try out AEye's SteadiCam** – Adjust the pitch angle of the adaptive lidar in this interactive software demo to see how the HRL131 product adapts to road slopes, speed bumps, and potholes on-the-fly.

AEye will also participate in a panel on the "Anatomy of Autonomy" at SAE's CES Connect2Car event. The panel, scheduled for January 5 at 10am PT, will feature AEye's founder and CTO Luis Dussan, as well as executives from Aurora, Uber, and Ford.

AEye's 4Sight Intelligent Sensing Platform is the industry's only adaptive, solid-state, and software-definable lidar platform. It utilizes adaptive lidar to improve the probability of detection and accuracy of classification – complementing existing sensors and increasing the speed and accuracy of decision-making. As a software-definable platform, 4Sight facilitates the release of new industry-advancing applications across the scale of autonomy, future-proofing automotive development and paving the way for the software-defined car, while allowing for multiple ITS applications and both long-and-short-range detection using only one sensor. For more information on AEye's solutions across markets, visit https://www.aeye.ai/.

About AEye

AEye's unique software-defined lidar solution enables advanced driver-assistance, vehicle autonomy, smart infrastructure, logistics, and off-highway 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. AEye has a global presence through its offices in Germany, Japan, Korea, and the United States.

FORWARD LOOKING STATEMENT

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 AEye’s lidar platform in general, the demonstrations of AEye products AEye plans to provide at the 2023 Consumer Electronics Show, and the features, capabilities, and benefits of AEye’s lidar platform, 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 CES may not be held as scheduled, or at all; (ii) the risks that AEye may be unable to attend CES for any reason, including related to the on-going Covid-related pandemic; (iii) the risks that some or all of the interactive demonstrations planned by AEye may not be available to the extent anticipated, or at all; (iv) the risks that AEye’s lidar technology may not enable safer mobility or reduce roadway fatalities to the extent anticipated, or at all; (v) the risks that AEye’s technology may not improve pedestrian safety; enable safe, high-speed highway ADAS; or improve autonomous functionality to the extent anticipated or at all; (vi) the risks that AEye’s technology may not anticipate all issues such that it can be deemed sufficiently future-proof to the extent anticipated; (vii) the risks that some or all of the scheduled panelists for the “Anatomy of Autonomy” panel may be unable to attend, or the panel may not occur as planned; (viii) the risks that AEye may be unable to participate in the panel on the “Anatomy of Autonomy;” (ix) the risks that AEye’s 4Sight Intelligent Sensing Platform may not improve the probability of detection or accuracy of classification to the extent anticipated, or at all; (x) the risks that AEye’s 4Sight Intelligent Sensing Platform may not complement existing sensors or increase the speed and accuracy of decision-making to the extent anticipated, or at all; (xi) the risks that AEye’s 4Sight Intelligent Sensing Platform may not facilitate the release of new industry-advancing applications to the extent anticipated, or at all; (xii) the risks that AEye’s 4Sight Intelligent Sensing Platform may not future-proof automotive development to the extent anticipated, or at all; (xiii) the risks that AEye’s 4Sight Intelligent Sensing Platform may not allow for multiple ITS applications and both long- and-short-range detection using only one sensor; (xiv) the risks that AEye’s products may not function as anticipated by AEye or by AEye’s target markets and customers; (xv) the risk that laws and regulations are adopted impacting the use of lidar that AEye is unable to comply with, in whole or in part; (xvi) 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; (xvii) the risks that AEye may not continue to execute against its business plan to the extent anticipated, or at all; (xviii) the risks that lidar adoption occurs slower than anticipated or fails to occur at all; (xix) 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; (xx) the risks that AEye is unable to adequately implement business plans, forecasts, and other expectations, and identify and realize additional opportunities; and (xxi) the risks of 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 the COVID-19 pandemic, including the Delta and Omicron variants, as well as future variants and subvariants, which has caused significant 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 Quarterly Report on Form 10-Q 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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