AEye Showcases Adaptive LiDAR at CES 2022 – Live in Las Vegas and Virtually via Webcasts

December 22, 2021

For Those Unable to Join CES In-person, AEye Will be Offering a Daily "Live with AEye at CES" Webcast From the Show Floor, Featuring the Latest News and Interviews with Leading Players Implementing Autonomous Technology Across Different Industries

AEye's Extensive Presence at the Show Includes Live Demos of AEye's 4Sight LiDAR, a CES 2022 Innovation Award Winner, in the West Hall

DUBLIN, Calif.--(BUSINESS WIRE)--Dec. 22, 2021-- AEye, Inc. (NASDAQ: LIDR), the global leader in adaptive, high-performance LiDAR solutions, today announced that it will be providing a daily webcast from the show floor of CES 2022 for those who are unable to attend the event. To learn more and sign up to get notified when each broadcast begins, go to https://www.aeye.ai/virtual-ces2022/.

As part of the virtual webcast and the live event, AEye will also be demonstrating its CES® 2022 Innovation Award winning 4Sight™ LiDAR. The company will showcase how 4Sight adapts and optimizes scan patterns in real-time to deliver fast, accurate, and reliable data that can save lives and propel the future of a wide range of dynamic sensing applications in industries including automotive, industrial, mobility, rail, trucking and ITS. For more information on 4Sight, or to schedule a meeting at CES, visit https://www.aeye.ai/ces2022/

AEye Livestream for At-home Viewers

For tech enthusiasts and decision-makers unable to attend CES, AEye is offering a *Live with AEye at CES* webcast – bringing the best of CES to living rooms and offices globally. The webcast will originate from the show floor January 5-7 when the exhibit hall opens, and will be broadcast across AEye's social media channels, including on Twitter, LinkedIn, Facebook, and YouTube.

Hosted by AutoVision News Co-founder and Managing Editor Carl Anthony, the livestream will not only provide a "backstage pass" to everything AEye-related at the show, it will also feature exclusive interviews with leading voices in the mobility ecosystem, as well as a nightly news roundup from CES at 5pm PT.

Bringing the Power of Adaptive LiDAR to Many Applications and Markets

At CES, AEye will showcase the power of its adaptive LiDAR in real-time. AEye's 4Sight LiDAR is a solid-state LiDAR that adapts through software, enabling it to tailor its output to application-specific requirements for automotive, mobility, and industrial applications. 4Sight received the prestigious CES 2022 Innovation Award for its unique use of adaptive sensing to garner industry-leading performance.

At the West Hall, AEye and its perception partner Seoul Robotics will demonstrate live pedestrian detection and tracking. Visitors will witness AEye's 4Sight LiDAR optimizing its scan pattern in real-time as different pedestrian patterns trigger changes in performance modes to optimize safety. A second demonstration will showcase how adaptive LiDAR enables the sensor to maintain highly accurate performance in irregular or rugged terrain.

"By moving the complexity from the hardware to the software, we have created a LiDAR solution that is uniquely intelligent, using AI-driven software to 'steer' the LiDAR in real-time to what matters, for the delivery of fast, accurate, and reliable data," said Brent Blanchard, SVP and General Manager of Mobility at AEye. "Not only that, products built on AEye's 4Sight platform are software-driven, making them future-proof. Our 4Sight LiDAR not only enables new, advanced sensing capabilities today, it's able to evolve to meet our customers' changing requirements and technology needs over time. That's revolutionary."

The Debut of Continental's HRL131 Long-range LiDAR

At the show, AEye partner Continental is debuting its HRL131 long-range LiDAR for Level 3 and Level 4 assisted and automated driving solutions. This high-performance LiDAR technology, built on AEye's 4Sight platform, enables key features for passenger and commercial vehicle applications by combining a high dynamic spatial resolution with long-range detection. The HRL131's software-defined scan patterns can be fully customized to adapt to any customer requirements. In addition to private showings of the HRL131 for automotive applications, AEye and Continental will demonstrate the HRL131 publicly for trucking applications outside of the Renaissance Hotel.

The modular system design and software programmability of AEye's LiDAR enables AEye to produce a single LiDAR system that can be optimized for multiple markets, while uniquely driving innovation and reducing costs. For the ADAS market, AEye licenses its technology to Tier 1 automotive suppliers such as Continental, which has announced it has integrated AEye's long-range LiDAR technology into its full stack Automated Driving Platform, and is industrializing the technology for a planned start of volume production in 2024.

For more information on 4Sight, or to schedule a meeting, visit https://www.aeye.ai/ces2022/.

About AEye

AEye is the premier provider of intelligent, next generation, adaptive LiDAR for vehicle autonomy, advanced driver-assistance systems (ADAS), and robotic vision applications. AEye's 4Sight™ adaptive LiDAR leverages biomimicry and principles from automated targeting applications used by the military to scan the environment, intelligently focusing on what matters most, enabling faster, more accurate, and more reliable perception. It is the only software configurable LiDAR with integrated deterministic artificial intelligence, delivering industry-leading performance in range, resolution, and speed. The company was founded in 2013 and is based in the San Francisco Bay Area.

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 U.S. 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 Company’s products, the adaptability of those products, and the ability of these products to meet the requirements for multiple applications, 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 Company will be unable to attend some or all of the 2022 Consumer Electronics Show due to recent or yet unannounced changes in protocols related to the COVID-19 pandemic, or the potential cancellation of the 2022 Consumer Electronics Show, in whole or in part; (ii) the risks that the Company’s products will be unable to sufficiently adapt through software or be unable to sufficiently tailor the product’s output to meet the requirements of customers in the automotive, mobility, or industrial markets; (iii) the risks that the Company’s demonstrations will not sufficiently translate to real world scenarios the product is intended to address; (iv) the risks that the Company will be unable to deliver products to its customers as quickly as anticipated, or at all; (v) the risks that the Company’s unique approach to lidar sensing will not result in a commercial product or, if a commercial product is launched, that it is accepted by the market; (vi) the risks that the Company will be unable to successfully leverage AI-driven software to sufficiently “steer” the lidar in real time; (vii) the risks that the Company’s products will not be viewed as sufficiently future-proof by the market, or be able to sufficiently evolve through software updates to meet our customer’s changing requirements or technology needs over time; (viii) the risks that Continental’s HRL131 product will not be accepted in the marketplace; (ix) the risks that Continental’s HRL131 product may not be fully customizable to adapt to customer requirements as outlined by the customer; (x) the risks that Continental’s planned start of volume production will not commence in 2024, or ever; (xi) the risks that the Company’s licenses of its technology to Tier 1 automotive suppliers, such as Continental, will result in commercial products or revenue to the Company; (xii) the risks that the Company’s product is not found by the marketplace to uniquely drive innovation expected by customers; (xiii) the risks that the Company will be successful in reducing the cost of its products over time sufficient to meet the demands of the market; (xiv) the risks that our products will not meet the specific needs of our customers; (xv) the risks that the type of flexibility that our system is intended to address will be a requirement of our customers; (xvi) the risks that lidar adoption occurs slower than anticipated or fails to occur at all; (xvii) the risks that AEye’s products will not meet the diverse range of performance and functional requirements of AEye’s target markets and customers; (xviii) the risks that AEye’s products will not function as anticipated by AEye or by AEye’s target markets and customers; (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 laws and regulations are adopted impacting the use of lidar that AEye is unable to comply with, in whole or in part; (xxi) 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; (xxii) the risks that AEye is unable to adequately implement its business plans, forecasts, and other expectations, and identify and realize additional opportunities; and (xxiii) 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, 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 filed with the U.S. Securities and Exchange Commission (the “SEC”) and other documents filed by AEye or that will be filed by AEye 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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