

ANYbotics Boosts Autonomous Mobile Robots with Velodyne Lidar Sensors

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Equipped with Velodyne Puck™ Sensors, ANYbotics Robots Automate Industrial Inspections

SAN JOSE, Calif.--(BUSINESS WIRE)--Aug. 4, 2021-- [Velodyne Lidar, Inc.](https://www.velodynelidar.com) (Nasdaq: VLDR, VLDRW) today announced [ANYbotics](https://www.anybotics.com) is equipping its autonomous mobile robots with Velodyne's [Puck™](https://www.velodynelidar.com) lidar sensors. ANYbotics robots provide industrial operators with an automated robotic inspection solution to support efforts in monitoring and maintaining plants.

This press release features multimedia. View the full release here: <https://www.businesswire.com/news/home/20210804005237/en/>



Equipped with Velodyne Lidar's Puck™ sensors, ANYbotics' four-legged robot ANYmal performs inspection and monitoring tasks in challenging industrial terrains such as mining and minerals, oil and gas, chemicals, energy and construction. (Photo: ANYbotics)

Perception at ANYbotics. "The sensors enable precise localization and mapping capabilities our robots need to understand the physical environment they are operating in and any changes such as moving people and objects."

"ANYbotics robotic solutions excel at automating industrial inspections that provide plant operators information to maximize equipment uptime and improve safety," said Erich Smidt, Executive Director Europe, Velodyne Lidar. "By using Velodyne's lidar, their robots can autonomously navigate complex multi-story environments and find the quickest route to perform missions. During operation, the robot's system can safely avoid obstacles and reliably move over rough terrain."

Velodyne's lidar sensors are important ingredients in robotic autonomy and navigation. They allow mobile robots to extend outside controlled situations with pre-defined tasks and function in unfamiliar and unpredictable settings. Velodyne's sensors provide real-time 3D perception data for localization, mapping, object classification and object tracking. Combining high-resolution image data with a broad vertical field of view, the sensors detect the shape of even low reflectivity objects regardless of their material and movement. This perception capability is critical for advancing safe and effective mobile robot operation.

About Velodyne Lidar

Velodyne Lidar (Nasdaq: VLDR, VLDRW) ushered in a new era of autonomous technology with the invention of real-time surround view lidar sensors. Velodyne, the global leader in lidar, is known for its broad portfolio of breakthrough lidar technologies. Velodyne's revolutionary sensor and software solutions provide flexibility, quality, and performance to meet the needs of a wide range of industries, including autonomous vehicles, advanced driver assistance systems (ADAS), robotics, unmanned aerial vehicles (UAV), smart cities and security. Through continuous innovation, Velodyne strives to transform lives and communities by advancing safer mobility for all. For more information, visit www.velodynelidar.com.

Forward Looking Statements

This press release contains "forward looking statements" within the meaning of the "safe harbor" provisions of the United States Private Securities Litigation Reform Act of 1995 including, without limitation, all statements other than historical fact and include, without limitation, statements regarding Velodyne's target markets, new products, development efforts, and competition. When used in this press release, the words "estimates," "projected," "expects," "anticipates," "forecasts," "plans," "intends," "believes," "seeks," "may," "will," "can," "should," "future," "propose" and variations of these words or similar expressions (or the negative versions of such words or expressions) are intended to identify forward-looking statements. These forward-looking statements are not guarantees of future performance, conditions or results and involve a number of known and unknown risks,

ANYbotics' four-legged robot [ANYmal](https://www.anybotics.com) performs inspection and monitoring tasks in challenging industrial terrains such as mining and minerals, oil and gas, chemicals, energy and construction. ANYmal's legs provide unparalleled mobility when moving up and down stairs, climbing over obstacles, steps and gaps, and crawling into tight spaces. ANYmal's inspection payload provides visual, thermal and acoustic insights for condition monitoring of equipment and infrastructure. Equipped with Velodyne's Puck sensors, the [ANYbotics](https://www.anybotics.com) robotic inspection solution is able to map industrial environments to detect obstacles and allow ANYmal to avoid any collisions while navigating harsh environments with a higher level of accuracy.

"Velodyne's lidar sensors provide ANYmal with a constant stream of high-resolution, 3D information about its surroundings, helping the robot safely map and patrol complex and harsh environments," said Daniel Lopez Madrid, Team Lead

uncertainties, assumptions and other important factors, many of which are outside Velodyne's control, that could cause actual results or outcomes to differ materially from those discussed in the forward-looking statements. Important factors, among others, that may affect actual results or outcomes include uncertainties regarding government regulation and adoption of lidar, the uncertain impact of the COVID-19 pandemic on Velodyne's and its customers' businesses; Velodyne's ability to manage growth; Velodyne's ability to execute its business plan; uncertainties related to the ability of Velodyne's customers to commercialize their products and the ultimate market acceptance of these products; the rate and degree of market acceptance of Velodyne's products; the success of other competing lidar and sensor-related products and services that exist or may become available; uncertainties related to Velodyne's current litigation and potential litigation involving Velodyne or the validity or enforceability of Velodyne's intellectual property; and general economic and market conditions impacting demand for Velodyne's products and services. For more information about risks and uncertainties associated with Velodyne's business, please refer to the "Management's Discussion and Analysis of Financial Condition and Results of Operations" and "Risk Factors" sections of Velodyne's SEC filings, including, but not limited to, its annual report on Form 10-K and quarterly reports on Form 10-Q. All forward-looking statements in this press release are based on information available to Velodyne as of the date hereof. Velodyne undertakes no obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law.

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