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HiRain Launches LRR615, Production-Intent Imaging Radar System Based on Arbe's Chipset

New Radar System, Featuring China's First High-Density Waveguide Antenna, is Now Available for OEM Evaluation

SHANGHAI, April 24, 2025 /PRNewswire/ -- HiRain Technologies, a leading provider of intelligent driving system to the Chinese automotive market, today announced the launch of the LRR615, a production-intent long-range imaging radar system powered by the Arbe Robotics (Nasdaq: ARBE) (TASE: ARBE) high-performance chipset. Designed to deliver ultra-high resolution and reliability across all weather and lighting conditions, the LRR615 is now available for OEM evaluation.



The LRR615 is the first radar system in China to feature a high-density waveguide antenna, enhancing image clarity, increasing sensitivity, and significantly improving signal integrity. With its ability to detect at long ranges and maintain high resolution in challenging environments while minimizing false alarms, the system presents a cost-effective and scalable imaging sensor that complements cameras and offers an alternative to LiDAR. The

radar system is tailored for the growing demands of the Chinese autonomous driving market delivering 10x detection capabilities compared to current radars on the market.

"Arbe's cutting-edge radar chipset enabled us to develop one of the most advanced and production-ready radar systems in China," said Fan Chengjian, CTO at HiRain Technologies. "The LRR615 sets a new benchmark for performance and cost-efficiency, and we are proud to bring this next-generation solution to OEMs preparing for L2+ and L3 autonomy."

The new radar system complements HiRain's existing autonomous driving platform, which integrates cameras and radar to deliver comprehensive L2+ and L3 driving capabilities. HiRain has completed full system integration, calibration, and validation of the LRR615, and is preparing to ramp up production capacity to deliver tens of thousands of units annually.

"HiRain's launch of the LRR615 system marks an exciting milestone for Arbe's expansion in China," said Kobi Marenko, CEO of Arbe. "Their ability to industrialize a radar system of this caliber, based on our chipset, reinforces the critical role high-resolution radar plays in the future of autonomous perception."

Arbe and HiRain will be exhibiting at the **Auto Shanghai tradeshow**, taking place in **Shanghai, China**, on **April 25–26, 2025**. Visit **booth 1BG042 in Hall 1.2** to learn more about the LRR615 radar system and see Arbe's 4D Imaging Radar technology in action.

About HiRain Technologies

HiRain Technologies, founded in 2003, is a system provider of intelligent driving solutions to automakers in China, focuses on providing customers in the fields of automobile and unmanned transportation with electronic products, R&D services and overall solutions for high-level intelligent driving. Headquartered in Beijing, HiRain has established modern production plants in Tianjin and Nantong, forming a comprehensive R&D, production, marketing, and service system. Based on the concept of "value innovation and serve customers", the company adheres to the strategies of "professional focus", "technology leadership" and "platform development", and is committed to becoming a world-class comprehensive electronic system technology service provider, a full stack solution supplier for intelligent networked vehicles and a leader in high-level intelligent driving MaaS solutions.

For more information, visit <https://www.hirain.com>

About Arbe

Arbe (Nasdaq: ARBE), a global leader in Perception Radar solutions, is spearheading a radar revolution, enabling truly safe driver-assist systems today while paving the way to full autonomous-driving. Arbe's radar technology is 100 times more detailed than any other radar on the market and is a critical sensor for L2+ and higher autonomy. The company is empowering automakers, Tier 1 suppliers, autonomous ground vehicles, commercial and industrial vehicles, and a wide array of safety applications with advanced sensing and paradigm changing perception. Arbe is based in Tel Aviv, Israel, and has offices in China, Germany, and the United States.

For more information, visit: www.arberobotics.com

Cautionary Note Regarding Forward-Looking Statements

This press release contains "forward-looking statements" within the meaning of the Securities Act of 1933 and the Securities Exchange Act of 1934, both as amended by the Private Securities Litigation Reform Act of 1995. The words "expect," "believe," "estimate," "intend," "plan," "anticipate," "may," "should," "strategy," "future," "will," "project," "potential" and similar expressions indicate forward-looking statements. 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. These risks and uncertainties include HiRain's ability to meet its production schedule and to market its product as contemplated by HiRain; the effect of United States, China and other tariffs and trade policies, whether announced or implemented; the effect on the Israeli economy generally and on Arbe's business resulting from the terrorism and the hostilities in Israel and with its neighboring countries including the effects of the continuing war with Hamas in Gaza and any intensification of hostilities with others, including Iran and Hezbollah, and the effect of the call-up of a significant portion of its working population, including the Company's employees; the effect of any potential boycott both of Israeli products and business and of stocks in Israeli companies; the effect of any downgrading of the Israeli economy and the effect of changes in the exchange rate between the US dollar and the Israeli shekel; and the risk and uncertainties described in "Cautionary Note Regarding Forward-Looking Statements," "Item 3. Key Information – D. Risk Factors" and "Item 5. Operating and Financial Review and Prospects" in the Company's Annual Report on Form 20-F for the year ended December 31, 2024, which was filed with the Securities and Exchange Commission (the "SEC") on March 28, 2025, as well as other documents filed by Arbe with the SEC. Accordingly, you are cautioned not to place undue reliance on these forward-looking statements. Forward-looking statements relate only to the date they were made, and Arbe does not undertake any obligation to update forward-looking statements to reflect events or circumstances after the date they were made except as required by law or applicable regulation.

Information contained on, or that can be accessed through, Arbe's website, HiRain's website or any other website or any social media is expressly not incorporated by reference into and is not a part of this press release.

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