

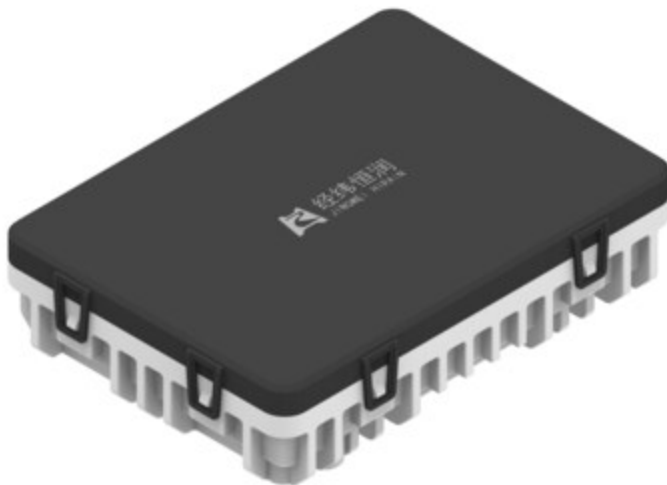
January 25, 2024



Arbe Chipset Empowers HiRain's LRR610 4D Imaging Radar Systems Set for Mass Production by the End of 2024

HiRain Gears Up for 1 Million Kilometers of Data Collection with the LRR610 Imaging Radar

TEL AVIV, Israel, Jan. 25, 2024 /PRNewswire/ -- [Arbe Robotics](#) Ltd. (NASDAQ: ARBE), a global leader in Perception Radar Solutions, today announces that its tier 1, HiRain Technologies, a leading provider of intelligent driving solutions to car manufacturers in China, has announced that it will begin the mass production of state-of-the-art 4D Imaging Radars by the end of 2024. HiRain recently reached a significant milestone in this journey with the successful development of a high-performance B-sample (a production intent system design).



HiRain is currently positioned to embark on a rigorous data collection phase, with plans to cover 1 million kilometers using a vehicle fleet equipped with LRR610 Imaging Radars, powered by the Arbe chipset. This development initiative is designed to optimize the fusion and perception system, which enables key automotive safety and comfort features.

"HiRain's LRR610 4D Imaging Radar, powered by Arbe's cutting-edge chipset, is set to revolutionize autonomy and safety," said Chengjian Fan, EVP and CTO of Hirain. "As we prepare for mass production by the end of 2024, our commitment to shaping the future echoes in every kilometer covered, paving the way for a new era of intelligent driving. Together, HiRain and Arbe are advancing innovation, ensuring 'True Imaging' radar excellence."

"HiRain's progress towards mass production in 2024, in collaboration with Arbe, reinforces our shared commitment to transforming automotive safety through innovative radar technology," said Kobi Marenko, Chief Executive Officer of Arbe. "The anticipated escalating demand for HiRain's 4D Imaging Radar systems is a testament to the high-quality, reliable technology both companies are delivering to the industry."

Leveraging Arbe's chipset extensive channel array of 48 transmitting (Tx) and 48 receiving (Rx) channels, HiRain's LRR610 boasts ultra-high-resolution in both azimuth and elevation, that results in a dense point cloud that delivers exceptional imaging. The advanced imaging radar excels in detecting and tracking many objects, earning it the distinction of a "True Imaging" radar.

HiRain's LRR610 Imaging Radar Features:

- **Wide Field of View:** 120° (Azimuth) × 30° (Elevation) coverage delivers comprehensive monitoring of multiple lanes and surrounding environments.
- **Long-Range Detection:** With a reach exceeding 350 meters, the LRR610 ensures the early detection of vehicles and obstacles ahead, enhancing overall driving safety.
- **High Resolution and Dynamic Range:** Enables accurate separation of a variety of targets, distinguishing a motorcycle near a truck or a pedestrian near a fence.
- **All-Weather Reliability:** Resilient to weather conditions, the LRR610 operates seamlessly in rain, snow, and fog, assuring consistent performance regardless of environmental challenges.

For more information on HiRain's recent announcement, please visit [HiRain 4D Imaging Radar was unveiled at CES 2024](#).

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, a leader in the fast-growing automotive radar market, is based in Tel Aviv, Israel, and has offices in China, Germany, and the United States.

Cautionary Note Regarding Forward-Looking Statements

This press release may contain "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. These forward-looking statements include, but are not limited to, the performance of and demand for HiRain's product which includes the Arbe chipset and the timing of any sales and Arbe's and HiRain's other suppliers' ability to meet HiRain's timing. These statements, and other statements including 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, including the risk and uncertainties resulting from the October 7th attack upon Israel, conflicts and potential conflicts involving Israel, as well as market acceptance of Arbe's radar processor and Arbe's radar processor performing in the manner which Arbe anticipates, and other risks described in "Cautionary Note Regarding Forward-Looking Statements," "Item 5. Operating and Financial Review and Prospects" and "Item 3. Key Information –Risk Factors" Amendment No. 2 to Arbe's Annual Report on Form 20-F/A for the year ended December 31, 2022, which was filed with the Securities and Exchange Commission on May 16, 2023, 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 or any other website and any press release issued by HiRain are expressly not incorporated by reference into and is not a part of this press release.

Photo - https://mma.prnewswire.com/media/2326837/HRain_LRR610_Arbe_Chipset.jpg

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