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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

**FORM 6-K**

**Report of Foreign Private Issuer  
Pursuant to Rule 13a-16 or 15d-16  
under the Securities Exchange Act of 1934**

**For the Month of February 2025**

**CAMTEK LTD.**

(Translation of Registrant's Name into English)

**Ramat Gavriel Industrial Zone  
P.O. Box 544  
Migdal Haemek 23150  
ISRAEL**

(Address of Principal Corporate Offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F ☒ Form 40-F ☐

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities and Exchange Act of 1934.

Yes ☐ No ☒

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**SIGNATURE**

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized. This Form 6-K, including all exhibits hereto, is hereby incorporated by reference into all effective registration statements filed by the registrant under the Securities Act of 1933.

CAMTEK LTD.  
(Registrant)

By: /s/ Moshe Eisenberg

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Moshe Eisenberg,  
Chief Financial Officer

Dated: February 18, 2025

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**CAMTEK LTD.**

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**FOR IMMEDIATE RELEASE**

**CAMTEK TO APPOINT AN EXECUTIVE CHAIRMAN**

**MIGDAL HAEMEK, Israel** – February 12, 2025 – Camtek Ltd (NASDAQ: CAMT; TASE: CAMT), announced today that its Board of Directors nominated Lior Aviram as Executive Chairman of the Board, effective June 1, 2025, subject to shareholder approval.

With over 30 years as a leading legal counsel to Israeli and global technology companies and deep knowledge of the Israeli and global tech ecosystem and capital markets, Mr. Aviram brings extensive experience in strategic transactions, cross-border mergers and acquisitions, corporate development, proven managerial experience in managing one of Israel's leading law firms, and immense board experience.

"We are excited to welcome Lior Aviram to our leadership team," **said Rafi Amit, Camtek's CEO**. "Mr. Aviram has worked closely with Camtek for more than 25 years, knows our business and our management team intimately, and adding him as an integral part of our leadership is only a natural step for us. His knowledge and expertise will be instrumental in achieving our long-term goals and enhancing shareholder value."

As Executive Chairman, Mr. Aviram will assume - on top of leading our Board – an executive role in leading strategic initiatives, mergers and acquisitions, strategic investments and collaborations.

The appointment requires shareholders' approval and will be brought to the 2025 annual general meeting.

**Mr. Amit added**, "I would also like to take this opportunity, on behalf of the Board, to thank Moty Ben-Arie, our Chairman since January 2023, for his commitment, contribution and direction, who will remain a non-executive member of our Board, subject to re-election at the 2025 annual general meeting."

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## ABOUT CAMTEK LTD.

Camtek is a developer and manufacturer of high-end inspection and metrology equipment for the semiconductor industry. Camtek's systems inspect IC and measure IC features on wafers throughout the production process of semiconductor devices, covering the front and mid-end and up to the beginning of assembly (Post Dicing). Camtek's systems inspect wafers for the most demanding semiconductor market segments, including Advanced Interconnect Packaging, Heterogenous Integration, Memory and HBM, CMOS Image Sensors, Compound Semiconductors, MEMS, and RF, serving numerous industry's leading global IDMs, OSATs, and foundries.

With manufacturing facilities in Israel and Germany, and eight offices around the world, Camtek provides state of the art solutions in line with customers' requirements.

This press release is available at <http://www.camtek.com>

*This press release contains statements that may constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Such forward-looking statements are based on Camtek's current beliefs, expectations and assumptions about its business and industry, all of which may change. Forward-looking statements can be identified by the use of words including "believe," "anticipate," "should," "intend," "plan," "will," "may," "expect," "estimate," "project," "positioned," "strategy," and similar expressions that are intended to identify forward-looking statements, including statements relating to the compound semiconductors market and our position in this market and the anticipated timing of delivery of the systems. These forward-looking statements involve known and unknown risks and uncertainties that may cause the actual results, performance or achievements of Camtek to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements. Factors that may cause our actual results to differ materially from those contained in the forward-looking statements include, but are not limited to the effects of the evolving nature of the war situation in Israel, and the related evolving regional conflicts; the continued demand for HPC, HBM and Chiplet devices resulting from, among other things, the field of AI surging worldwide across companies, industries and nations; our dependency upon the semiconductor industry and the risk that unfavorable economic conditions or low capital expenditures may negatively impact our operating results; risks related to the Company's ability to effectively maneuver global trade issues and changes either in the U.S., Israel, or elsewhere in trade and export regulations, tariffs, and license policies, including formal or informal imposition by countries of new or revised export and/or import and doing-business regulations or sanctions, and further including changes in U.S. trade policies, changes or uncertainty related to the U.S. government entity list and changes in the ability to sell products incorporating U.S. originated technology, which can be made without prior notice; the risks relating to the concentration of a significant portion of our business in certain countries in the Asia Pacific Region, particularly China, Taiwan and Korea, some of which might be subject to the trade restrictions referred to above or involved in trade wars with countries which might impose such trade restrictions; changing industry and market trends; and those other factors discussed in our Annual Report on Form 20-F as published on March 21, 2024, as well as other documents that may be subsequently filed by Camtek from time to time with the Securities and Exchange Commission. We caution you not to place undue reliance on forward-looking statements, which speak only as of the date hereof. Camtek does not assume any obligation to update any forward-looking statements in order to reflect events or circumstances that may arise after the date of this release unless required by law.*

*While we believe that we have a reasonable basis for each forward-looking statement contained in this press release, we caution you that these statements are based on a combination of facts and factors currently known by us and our projections of the future, about which we cannot be certain. In addition, any forward-looking statements represent Camtek's views only as of the date of this press release and should not be relied upon as representing its views as of any subsequent date. Camtek does not assume any obligation to update any forward-looking statements unless required by law.*

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