

CAMTEK LTD
Form 6-K
March 14, 2016

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 March 2016

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

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.

CAMTEK LTD.
(Registrant)

By: /s/ Moshe Eisenberg
Moshe Eisenberg
Chief Financial Officer

Dated: March 14, 2016

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FOR IMMEDIATE RELEASE

CAMTEK ANNOUNCES THE LAUNCH OF
A NEW 2D SEMICONDUCTOR INSPECTION MODEL

First units are already installed at major customers' sites

MIGDAL HAEMEK, Israel – March 14, 2016 – Camtek Ltd. (NASDAQ: CAMT; TASE: CAMT), today announced the launch of a new 2D inspection model. The new 2D inspection model significantly enhances the Eagle 2D inspection performance. This new model includes a new camera, a high-end optical channel, new lighting configurations and an innovative detection engine, all designed to significantly enhance Camtek's 2D inspection capabilities. The new model enables superior detection of even the most challenging defects. The new 2D inspection model is modular and field upgradable and can be deployed in the various Eagle systems already installed at customer sites.

Ramy Langer, Vice President and Head of Camtek's Semiconductor Division, commented, "Our Eagle system and the previous generations are the industry standard for 3D metrology. We expect the new 2D inspection model will similarly position Camtek as a leader in the 2D inspection market segment."

Continued Mr. Langer: "We have already installed the new system at several customer sites and received excellent feedback on its 2D inspection capabilities."

ABOUT CAMTEK LTD.

Camtek Ltd. provides automated and technologically advanced solutions dedicated to enhancing production processes, increasing products yield and reliability, enabling and supporting customer's latest technologies in the Semiconductors, Printed Circuit Boards (PCB) and IC Substrates industries.

Camtek addresses the specific needs of these interconnected industries with dedicated solutions based on a wide and advanced platform of technologies including intelligent imaging, image processing and functional 3D inkjet printing.

This press release is available at www.camtek.com

This press release may contain projections or other forward-looking statements regarding future events or the future performance of the Company. These statements are only predictions and may change as time passes. We do not assume any obligation to update that information. Actual events or results may differ materially from those projected, including as a result of changing industry and market trends, reduced demand for our products, the timely development of our new products and their adoption by the market, increased competition in the industry, intellectual

property litigation, price reductions as well as due to risks identified in the documents filed by the Company with the SEC.
