

CAMTEK LTD  
Form 6-K  
July 12, 2010

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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 July 2010

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.

CAMTEK LTD.  
(Registrant)

By: /s/ Mira Rosenzweig

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Mira Rosenzweig,  
Chief Financial Officer

Dated: July 12, 2010

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Camtek Schedules Second Quarter 2010 Results Release and  
Conference Call for Thursday, August 5, 2010

MIGDAL HA'EMEK, Israel, July 12, 2010- Camtek Ltd. (Nasdaq: CAMT ; TASE: CAMT) announced that it would be releasing its financial results for the second quarter of 2010 on Thursday, August 5, 2010.

The Company will also host a conference call on the same day, starting at 9:00 am ET. Roy Porat, General Manager - Israel and Mira Rosenzweig, Chief Financial Officer, will host the call and will be available to answer questions after presenting the results.

To participate, please call one of the following telephone numbers at least 10 minutes before the start of the call:

|                |                 |                         |
|----------------|-----------------|-------------------------|
| US:            | 1 888 407 2553  | at 9:00 am Eastern Time |
| Israel:        | 03 918 0610     | at 4:00 pm Israel Time  |
| International: | +972 3 918 0610 |                         |

For those unable to participate, the teleconference will be available for replay on Camtek's website at <http://www.camtek.co.il/> beginning 24 hours after the call.

#### ABOUT CAMTEK LTD.

Camtek Ltd provides automated solutions dedicated for enhancing production processes and yield, enabling our customers new technologies in two industries; Semiconductors, Printed Circuit Board (PCB) & IC Substrates.

Camtek addresses the specific needs of these industries with dedicated solutions based on a wide and advanced platform of technologies including intelligent imaging, image processing, ion milling and digital material deposition. Camtek's solutions range from micro-to-nano by applying its technologies to the industry-specific requirements.

This press release is available at [www.camtek.co.il](http://www.camtek.co.il).

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

