

CAMTEK LTD  
Form 6-K  
January 18, 2011

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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 January 2011

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: January 18, 2011

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FOR IMMEDIATE RELEASE

Camtek's Schedules Fourth Quarter and Full Year 2010 Results  
Release and Conference Call for Tuesday, February 22, 2011

MIGDAL HA'EMEK, Israel, January 18, 2011- Camtek Ltd. (Nasdaq: CAMT ; TASE: CAMT) announced that it would be releasing its financial results for the fourth quarter and full year of 2010 on Tuesday, February 22, 2011.

The Company will also host a conference call on the same day, starting at 10:00 am ET. Roy Porat, Chief Executive Officer, 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: 1 888 668 9141 at 10:00 am Eastern Time  
Israel: 03 918 0609 at 5:00 pm Israel Time  
International: +972 3 918 0609

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).