UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, DC 20549

FORM 20-F/A

(Amendment No. 1)

(Mark One)			
o	Registration statement pursuant to Section 12(b) or (g) of the Securities Exchange Act of 1934		
	or		
X	Annual report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934		
	For the fiscal year ended December 31, 2008		
	or		
o	Transition report pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934		
	or		
o	Shell Company report pursuant to Section 13 or 15 (d) of the Securities Exchange Act of 1934		
	Date of event requiring this shall Company report		
	For the transition period from to		
	Commission file number 000-30664		

Camtek Ltd.

(Exact name of Registrant as specified in its charter)

Israel

(Jurisdiction of incorporation or organization)

Ramat Gavriel Industrial Zone, P.O. BOX 544, Migdal Ha Emek, Israel

(Address of principal executive offices)

Mira Rosenzweig, Telephone: (972) (4) 6048100, Facsimile: (972) (4) 6048300, E-mail: mirar@camtek.co.il

Ramat Gavriel Industrial Zone, P.O. BOX 544, Migdal Ha Emek, Israel

(Name, Telephone, E-Mail and/or Facsimile number and Address of Company Contact Person)

Securities registered or to be registered pursuant to Section 12(b) of the Act:
Ordinary Shares, nominal value NIS 0.01 per share
(Title of each Class)

Nasdaq Global Market
(Name of each Exchange on which registered)

Securities registered or to be registered pursuant to Section 12(g) of the Act:

None

(Title of Class)

Securities for which there is a reporting obligation pursuant to Section 15(d) of the Act:

None

(Title of Class)

Indicate the number of outstanding shares of each of the issuer s classes of capital or common stock as of the close of the period covered by the annual report: 29,135,108 Ordinary Shares, par value NIS 0.01 per share

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act.

o Yes X No

If this report is an annual or transition report, indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934.

o Yes X No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days.

x Yes O No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

o Yes o No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of accelerated filer and large accelerated filer in Rule 12b-2 of the Exchange Act.

O Large Accelerated Filer O Accelerated Filer X Non-Accelerated Filer

Indicate by check mark which basis of accounting the registrant has used to prepare the financial statements included in this filing:

US GAAP x International Financial Reporting Standards Other o

as issued by the International Accounting Standards Board O

If Other has been checked in response to the previous question, indicate by check mark which financial statement item the registrant has elected to follow.

Item 17 O Item 18 O

If this is an annual report, indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act).

o Yes x No

EXPLANATORY NOTE

This Amendment No. 1 to the Annual Report on Form 20-F (the Annual Report) is being filed by Camtek Ltd. (the Registrant) with the Securities and Exchange Commission for the sole purpose of correcting a clerical error under the caption Related Party Transactions in Item 7 relating to our purchases of materials from, and revenues from sales to, Priortech Ltd. and its affiliates, which information was accurately disclosed in Note 20 to the financial statements set forth in Item 18 of the Annual Report.

This Amendment No. 1 consists of a cover page, this explanatory note, Item 7 as amended, the exhibit index, the signature page and the required certifications of the principal executive officer and principal financial officer of the Registrant.

Other than expressly set forth herein, this Amendment No. 1 does not, and does not purport to, amend or restate any other information contained in the Annual Report nor does this Amendment No. 1 reflect any events that have occurred after the Annual Report was filed.

Item 7. Major Shareholders and Related Party Transactions.

A. Major Shareholders.

The following table provides information regarding the beneficial ownership of our ordinary shares as of March 31, 2009, as to each person or entity who beneficially owns more than 5.0% of our outstanding ordinary shares. None of these shareholders has different voting rights than any of the Company s other shareholders.

Beneficial ownership is determined in accordance with the rules of the SEC and generally means sole or shared power to vote or direct the voting or to dispose or direct the disposition of any ordinary shares. Except as indicated by footnote, the person named in the table below has sole voting and investment power with respect to all ordinary shares shown as beneficially owned by it. The percentage of beneficial ownership is based upon 29,135,108 ordinary shares outstanding as of March 31, 2009.

Beneficial (Beneficial Ownership	
Number of Ordinary Shares*	Percentage	
18,605,230	63.9%	

^{*}A majority of the voting equity in Priortech Ltd. is subject to a voting agreement. As a result of this agreement, Messrs. Rafi Amit, Yotam Stern and Itzhak Krell may be deemed to control Priortech Ltd. The voting agreement does not provide for different voting rights for our major shareholder than the voting rights of other holders of our ordinary shares. Priortech s principal executive offices are located at South Industrial Zone, Migdal Ha Emek 23150, Israel.

EXPLANATORY NOTE 3

As of March 31, 2009, there were a total of 9 holders of record of our issued and outstanding ordinary shares, of which 7 were registered with addresses in the United States. Such United States holders were, as of such date, the holders of record of approximately 36.1% of our issued and outstanding ordinary shares. The number of record holders in the United States is not representative of where such beneficial holders are resident because many of these ordinary shares were held of record by brokers or other nominees.

B. Related Party Transactions.

Ordinary Course Transactions and Activities with Priortech and its Affiliates

From time to time we have entered into transactions in the ordinary course of business with Priortech and its affiliates. Our purchases of materials, such as PCBs and assembled PCBs from Priortech and its affiliates, totaled \$1,803,000, \$1,876,000 and \$3,244,000 in 2008, 2007 and 2006, respectively. In addition, we purchase bare PCBs and assembled PCBs from a Priortech subsidiary for the development and manufacture of our systems so long as the price charged and other payment terms is comparable to the best offer we could obtain from a third party. Our total revenues from sales to affiliates of Priortech totaled \$467,000, \$27,000 and \$407,000 in 2008, 2007 and 2006, respectively. We act jointly with Priortech with regard to various governmental, administrative and commercial matters, which we believe is to the mutual advantage of both parties. Unpaid balances between Priortech and its subsidiaries in Israel and us bear interest at 5.5%. As of December 31, 2008, the remaining balance Priortech and its affiliates owed us under transactions made in the ordinary course of business with them was \$376,000. We believe that these transactions and activities were conducted on terms and conditions as favorable to us as those which we could have entered into with unaffiliated third parties.

Registration Rights Agreement with Priortech

On March 1, 2004, we entered into a registration rights agreement providing for us to register with the SEC certain of our ordinary shares held by Priortech. This registration rights agreement may be used in connection with future offerings of our ordinary shares, and includes, among others, the following terms: (a) Priortech is entitled to make up to three demands that we register our ordinary shares held by Priortech, subject to delay due to market conditions; (b) Priortech will be entitled to participate and sell our ordinary shares in any future registration statements initiated by us, subject to delay due to market conditions; (c) we will indemnify Priortech in connection with any liabilities incurred in connection with such registration statements due to any misstatements or omissions other than information provided by Priortech, and Priortech will indemnify us in connection with any liabilities incurred in connection with such registration statements due to any misstatements or omissions in written statements by Priortech made for the purpose of their inclusion in such registration statements; and (d) we will pay all expenses related to registrations which we have initiated, except for certain underwriting discounts or commissions or legal fees, and Priortech will pay all expenses related to a registration initiated at its demand in which we are not participating.

On December 30, 2004, the Registration Rights Agreement with Priortech was amended. The amendment concerns primarily the grant of unlimited shelf registration rights thereunder to Priortech with respect to its holdings in us, and the assignability of those shelf registration rights to its transferees.

Employment Agreements with Messrs. Rafi Amit and Yotam Stern

Effective January 1, 1998, we entered into an employment agreement with Mr. Rafi Amit, our Chief Executive Officer. Pursuant to his employment agreement, Mr. Amit may dedicate up to 20% of his time to work for Priortech or any of the Priortech entities (for further details see *Employment Agreements*).

Also effective January 1, 1998, we entered into an employment agreement with Mr. Yotam Stern, our Executive Vice President, Business & Strategy. Pursuant to his employment agreement, Mr. Stern may dedicate up to 40% of his time to work for Priortech or any of the Priortech entities (for further details see *Employment Agreements*).

Mr. Rafi Amit works on a full time basis for us and therefore receives a full time salary, while Mr. Yotam Stern receives from us 60% of a full time salary. Mr. Stern is compensated directly by each of the Priortech entities for which he works. Mr. Rafi Amit also serves as the Chairman of Priortech, and Mr. Yotam Stern also serves as the Chief Executive Officer and as a director of Priortech.

Messrs. Amit and Stern do not receive any additional compensation for their service as our directors.

C. Interests of Experts and Counsel.

Item 19.	Exhibits.		
Exhibit No.	<u>Exhibit</u>		
1.1	Memorandum of Association of Registrant (incorporated herein by reference to Exhibit 3.1 to Amendment No. 1 to the Registrant's Registration Statement on Form F-1, File No. 333-12292, filed with the Securities and Exchange Commission on July 21, 2000).		
1.2	Articles of Registrant (incorporated herein by reference to Exhibit 3.2 to Amendment No. 1 to the Registrant's Registration Statement on Form F-1, File No. 333-113208, filed with the Securities and Exchange Commission on April 5, 2004).		
4.1	Amended and Restated Employee Share Option Plan (incorporated herein by reference to Exhibit 10.1 to the Registrant's Registration Statement on Form S-8, File No. 333-84476, filed with the Securities and Exchange Commission on March 18, 2002).		
4.2	Amended and Restated Subsidiary Employee Option Plan (incorporated herein by reference to Exhibit 10.2 to the Registrant's Registration Statement on Form S-8, File No. 333-84476, filed with the Securities and Exchange Commission on March 18, 2002).		
4.3	Employee Share Option Plan - Europe (incorporated herein by reference to Exhibit 10.3 to the Registrant's Registration Statement on Form S-8, File No. 333-49982, filed with the Securities and Exchange Commission on November 15, 2000).		
4.4	Executive Share Option Plan (incorporated herein by reference to Exhibit 10.4 to the Registrant's Registration Statement on Form S-8, File No. 333-60704, filed with the Securities and Exchange Commission on May 11, 2001).		
4.5	2003 Share Option Plan (incorporated herein by reference to Exhibit 10.1 to the Registrant's Registration Statement on Form S-8, File No. 333- 113139, filed with the Securities and Exchange Commission on February 27, 2004).		
4.6	Sub-Plan for Grantees Subject to United States Taxation (incorporated herein by reference to Exhibit 10.2 to the Registrant's Registration Statement on Form S-8, File No. 333-113139, filed with the Securities and Exchange Commission on February 27, 2004).		
4.7	Sub-Plan for Grantees Subject to Israeli Taxation (incorporated herein by reference to Exhibit 10.3 to the Registrant's Registration Statement on Form S- 8, File No. 333-113139, filed with the Securities and Exchange Commission on February 27, 2004).		
4.8	2007 Restricted Share Unit Plan (incorporated herein by reference to Exhibit 4.8 to the Registrant's Registration Statement on Form 20-F File No.000-30664 filed with the Securities and Exchange Commission on June 30, 2008).		
4.9	Form of Indemnification Agreement (incorporated herein by reference to Exhibit 10.10 to Amendment No. 1 to the Registrant's Registration Statement on Form F-1, File No. 333-12292, filed with the Securities and Exchange Commission on July 21, 2000).		
4.10	Registration Rights Agreement, by and between the Registrant and Priortech Ltd., dated March 1, 2004 (incorporated herein by reference to Exhibit 10.9 to Amendment No. 1 to the Registrant's Registration Statement on Form F-1, File No. 333-113208, filed with the Securities and Exchange Commission on April 5, 2004).		
4.11	Registration Rights Amended and Restated Agreement by and between the Registrant and Priortech Ltd., dated December 30, 2004. (incorporated herein by reference to Exhibit 4.10 to the Registrant's Registration Statement on Form 20-F File No.000-30664 filed with the Securities and Exchange Commission on June 30, 2005).		
4.12	Convertible Loan Agreement, by and between the Registrant and FIMI Opportunity Fund, L.P., and FIMI Israel Opportunity Fund, dated August 8, 2005 (incorporated herein by reference to Exhibit 4.11 to the Registrant's Registration Statement on Form 20-F File No.000-30664 filed with the Securities and Exchange Commission on June 29, 2006).		

8.1	Subsidiaries of the Registrant. (incorporated herein by reference to Exhibit 8.1 to the Registrant's Annual Report on Form 20-F File No.000-30664 filed with the Securities and Exchange Commission on April 8, 2009)
12.1	Certification of Chief Executive Officer required by Rules 13a-14(a) and Rule 15d-14(a) under the Securities Exchange Act of 1934, as amended.*
12.2	Certification of Chief Financial Officer required by Rules 13a-14(a) and Rule 15d-14(a) under the Securities Exchange Act of 1934, as amended.*
13.1	Certification of the Chief Executive Officer and Chief Financial Officer pursuant to 18 U.S.C Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.*
15.1	Consent of Somekh Chaikin, a member firm of KPMG International. (incorporated herein by reference to Exhibit 15.1 to the Registrant's Annual Report on Form 20-F File No.000-30664 filed with the Securities and Exchange Commission on April 8, 2009)

English translations from Hebrew original.

* Filed herewith.

SIGNATURES

The registrant hereby certifies that it meets all of the requirements for filing on Form 20-F/A and that it has duly caused and authorized the undersigned to sign this Annual Report on its behalf.

CAMTEK LTD.

By: /s/ Rafi Amit

Rafi Amit

Chief Executive Officer

Date: August 13, 2009

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