



Camtek Ltd.

P.O.Box 544, Ramat Gabriel Industrial Park

Migdal Ha'Emek 23150, ISRAEL

Tel: +972 (4) 604-8100 Fax: +972 (4) 644-0523

E-Mail: Info@camtek.co.il Web site: <http://www.camtek.co.il>

CAMTEK LTD.

Mira Rosenzweig, CFO

Tel: +972-4-604-8308

Mobile: +972-54-9050703

mirar@camtek.co.il

INTERNATIONAL INVESTOR RELATIONS

CCG Investor Relations

Ehud Helft / Kenny Green

Tel: (US) 1 646 201 9246

camtek@ccgisrael.com

FOR IMMEDIATE RELEASE

Camtek Ltd Files Patent infringement Lawsuit Against Rudolph Technologies Inc.

MIGDAL HAEMEK, Israel – November 3, 2010 – Camtek Ltd. (NASDAQ and TASE: CAMT), announced that it has filed a patent infringement lawsuit against Rudolph Technologies Inc. ("Rudolph")

The patent infringement lawsuit, filed in German Federal court, alleges that Rudolph's edge inspection equipment sold under the "Axi" and "Edge Inspection module E25, 30, 35" trademark infringes Camtek's patent no. DE 101 31 665 B4

Roy Porat, Camtek's Chief Executive Officer, commented: "Camtek views its IP as a valuable asset allowing it to achieve technological advantage over its competitors, and will vigorously protect its assets against violators to the full extent permitted by the law.

Continued Mr. Porat: "Camtek views its German Semiconductor business with great importance; the German Semiconductor market is an important part of the global market in general and the European market in particular, and, many German Foundries and IDMs have manufacturing facilities in Asia and the US as well".

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.

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.