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CAMTEK LTD. ANNOUNCES RESULTS FOR Q2 2007

Revenues of \$15.3 million – sequential growth of 6%
Expects sequential growth in the third quarter

MIGDAL HAEMEKE, Israel – August 6, 2007 – Camtek Ltd. (NASDAQ: CAMT), today announced its results for the second quarter ended June 30, 2007.

Revenues for the second quarter of 2007 were \$15.3 million, 45% below \$27.9 million in the second quarter of 2006, and up 6% sequentially from \$14.5 million reported in the first quarter of 2007. Gross profit margin for the second quarter of 2007 was 40.8%, compared to 54.6% for the second quarter of 2006, and 41.5% for the first quarter of 2007.

The Company reported a second quarter net loss of \$3.5 million, or \$0.11 per diluted share, compared to a net income of \$5.2 million, or \$0.17 per diluted share, in the second quarter of last year, and a net loss of \$4.3 million, or \$0.14 per diluted share, in the first quarter of 2007.

Rafi Amit, Camtek's CEO, commented, "Toward the end of the second quarter we began to see a significant increase in demand for our products, especially for inspection of printed circuit boards. One example of this increased demand was the multi-million dollar order we announced two weeks ago. We expect this demand to translate to orders and contribute to significantly higher third quarter revenues. At this point we expect to generate revenues between \$17 and 20 million in the third quarter,

Mr. Amit added, "Our markets are characterized by long selling cycles, yet once our customers order equipment, they expect fast deliveries. This is especially the case these days, when corporations begin to release capital budgets. Our ability to deliver systems within a few weeks is one of the core competitive advantages that we are currently capitalizing on."

Mrs. Ronit Dulberg, Camtek's CFO, added, "As we said in our previous press release, we have implemented measures to adapt our cost structure to better track our level of revenues. We can expect a significant positive effect of these measures on our financial performance in the coming quarters."

Camtek will hold a conference call today, Monday August 6, 2007 at 9:00 EDT. Rafi Amit, CEO, and Ronit Dulberg, CFO, will host the call and will be available to answer questions.

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 9:00 a.m. Eastern Time
Israel:	03 918 0688	at 4:00 p.m. Israel Time
International:	+972 3 918 0688	

Additionally, the call will be web cast live from a link in the IR section of Camtek's website at www.camtek.co.il. For those unable to participate, the teleconference will be available for replay on Camtek's website beginning 24 hours after the call. Additionally, for 48 hours following the call, a telephone replay will be available at either (US) 1 888 326 9310 or (International) +972 3 925 5921.

About Camtek Ltd.

With headquarters in Migdal Ha'Emek Israel, Camtek Ltd., designs, develops, manufactures, and markets automatic optical inspection systems and related products. Camtek's automatic inspection systems are used to enhance both production processes and yield for manufacturers in the printed circuit board industry, the high density interconnect substrate industry and the semiconductor manufacturing and packaging industry. 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, price reductions as well as due to risks identified in the documents filed by the Company with the SEC.

CONTACT INFORMATION

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Consolidated Balance Sheets

(in thousands, except share data)

	June 2007	December 2006
	U.S. Dollars	
<u>ASSETS</u>		
CURRENT ASSETS		
Cash and cash equivalents	15,457	23,358
Marketable securities	900	2,099
Accounts receivable, net	22,123	29,434
Inventories	38,898	41,414
Due from affiliates	181	180
Other current assets	1,987	2,372
Deferred tax	65	65
Total current assets	79,611	98,922
Fixed assets, net	13,933	10,729
Deferred tax	369	369
Other assets	903	786
	1,272	1,155
Total assets	94,816	110,806
<u>LIABILITIES</u>		
CURRENT LIABILITIES		
Accounts payable –trade	5,137	11,801
Due to affiliates	293	814
Other current liabilities	11,581	12,831
Total current liabilities	17,011	25,446
Convertible loan	5,000	5,000
Liability for employee severance benefits	242	222
Total liabilities	22,253	30,668
SHAREHOLDERS' EQUITY		
Ordinary shares NIS 0.01 par value, authorized 100,000,000 shares, issued 31,060,474 in 2007 and 31,052,474 in 2006, outstanding 30,048,855 in 2007 and 30,040,855 in 2006.	132	132
Additional paid-in capital	59,649	59,420
Accumulated other comprehensive loss		
Unrealized loss on marketable securities	-	(1)
Retained earnings	13,775	21,580
	73,556	81,131
Treasury stock, at cost (1,011,619 shares in 2007 and 2006)	(993)	(993)
Total shareholders' equity	72,563	80,138
Total liabilities and shareholders' equity	94,816	110,806

Consolidated Statements of Operations

(in thousands, except share data)

	Six Months ended June 30,		Three Months ended June 30,		Year ended
	2007	2006	2007	2006	2006
	U.S. dollars		U.S. dollars		U.S. dollars
Revenues	29,776	52,756	15,307	27,876	100,055
Cost of revenues	17,523	24,477	9,061	12,660	48,442
Gross profit	12,253	28,279	6,246	15,216	51,613
Research and development costs	6,795	4,894	3,047	2,457	11,831
Selling, general and administrative expenses	13,000	13,523	6,356	7,314	27,850
	19,795	18,417	9,403	9,771	39,681
Operating income (loss)	(7,542)	9,862	(3,157)	5,445	11,932
Financial income (expenses), net	(179)	26	(312)	(80)	(288)
Income (loss) before income taxes	(7,721)	9,888	(3,469)	5,365	11,644
Income tax	(84)	(270)	(18)	(170)	(41)
Net income (loss)	(7,805)	9,618	(3,487)	5,195	11,603
Net income (loss) per ordinary share:					
Basic	(0.26)	0.34	(0.11)	0.18	0.40
Diluted	(0.26)	0.33	(0.11)	0.17	0.39
Weighted average number of ordinary shares outstanding:					
Basic	30,230	28,270	30,232	29,173	29,176
Diluted	30,230	29,617	30,232	30,531	29,553