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CAMTEK ANNOUNCES FOURTH QUARTER AND FULL YEAR 2008 FINANCIAL RESULTS

MIGDAL HAEMEK, Israel – March 5, 2008 – Camtek Ltd. (NASDAQ and TASE: CAMT), today announced its financial results for the fourth quarter and full year ended December 31, 2008.

Fourth Quarter 2008 Results

Revenues for the fourth quarter of 2008 totaled \$12.4 million, 41% below the \$21.0 million in the fourth quarter of 2007, and a 35% decline from the \$19.1 million in the third quarter of 2008.

Gross profit margin for the fourth quarter of 2008 was 24%, compared to 43.7% for the fourth quarter of 2007, and 34.2% for the third quarter of 2008.

Loss before tax for the fourth quarter of 2008 was \$4.9 million. This compares to income before tax of \$0.2 million in the fourth quarter of 2007. For the previous quarter in 2008, loss before tax was \$4.0 million.

Net loss for the fourth quarter of 2008 totaled \$5.5 million, or \$0.19 loss per share, compared to a net income of \$29 thousand, or \$0.00 per share, in the fourth quarter of 2007. Net loss in the third quarter of 2008 totaled \$4.1 million, or \$0.14 per share. The net loss for the fourth quarter of 2008 resulted mainly from: (a) the decrease in revenues; (b) a \$1.3 million inventory and equipment write-off; and (c) legal fees related to the lawsuit filed by Rudolph Technologies against Camtek.

Net, cash, cash equivalents and marketable securities at the end of December 31, 2008, totaled \$14.4 million, compared to \$17.1 million at the end of September 30, 2008

Full Year 2008 Results

Revenues for the year ended December 31, 2008, increased 6.3% to \$75.5 million, compared to \$71.0 million reported for the year ended December 31, 2007. Gross profit margin for 2008 was 37%, compared to 40.9% in 2007. Net loss for 2008 was \$9.6 million, or \$0.32 per share, compared to a net loss of \$7.7 million, or \$0.25 per share, for 2007. Net loss for 2008 resulted mainly from: (a) a \$4.4 million inventory and equipment write off; and (b) legal and professional fees with respect to the lawsuit mentioned above, and a potential acquisition that Camtek has pursued but decided to abort during the third quarter of 2008

"As part of the electronics industry supply chain, we are impacted by the global recession," said Rafi Amit, Camtek's CEO. "Realizing the dramatic decline in equipment utilization in most of our customers' production lines, we took strict

cost cutting measures, restructuring the Company to the new market reality. These measures included a reduction of around 25% in payroll expenses as well as aligning the organization to the lower business levels. The new structure does not affect our ability to support our customers by providing advanced solutions and close technical support. We believe that our current cash and active inventory, along with the leaner organization, will carry us through the downturn period and enable us to emerge from it a stronger and more competitive company."

Mr. Amit concluded, "The current lack of visibility does not allow us to provide any outlook for the current year or even for the first quarter, as delivery dates and revenue recognition status are still quite fluid. However, it is safe to assume that first quarter revenues will be lower than those we are reporting today for the fourth quarter of 2008."

Conference Call

Camtek will host a conference call today, March 5, at 10:00 a.m. EST. Rafi Amit, Chief Executive Officer, Mira Rosenzweig, Chief Financial Officer and Roy Porat, General Manager Camtek Israel, 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, referencing the "Camtek fourth quarter 2008 results conference call".

US toll free:	1 866 345 5855	at 10:00 a.m. Eastern Time
Israel toll free:	03 918 0650	at 5:00 p.m. Israel Time
International:	+972 3 918 0650	

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

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

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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.

Consolidated Balance Sheets

(in thousands, except share data)

Assets**Current assets**

Cash and cash equivalents	15,949	18,601
Marketable securities	-	1,395
Accounts receivable,	18,156	23,500
Inventories	9,792	34,243
Due from affiliates	414	251
Other current assets	1,929	2,616
Deferred tax asset	39	124
Total current assets	46,279	80,730

Fixed assets

Cost	23,624	21,632
Less - Accumulated depreciation	7,976	6,307
Fixed assets, net	15,648	15,325
Marketable securities	-	1,075
Long term inventory	21,653	-
Deferred tax asset	148	612
Other assets, net	1,007	723
	22,808	2,410

Total assets**84,735** **98,465****Liabilities and shareholder's equity****Current liabilities**

Short term loan	1,500	-
Accounts payable –trade	5,240	7,960
Due to affiliates	294	866
Convertible loan – current portion	1,667	1,667
Other current liabilities	11,382	11,465
Total current liabilities	20,083	21,958

Long term liabilities

Convertible loan , net of current portion	1,666	3,333
Liability for employee severance benefits	271	268
Total liabilities	22,020	25,559

Commitments and contingencies**Shareholders' equity**

Ordinary shares NIS 0.01 par value, authorized 100,000,000 shares, issued 31,227,484 in 2008 and 31,145,334 in 2007, outstanding (net of treasury stock) 29,135,108 in 2008 and 30,133,715 in 2007	132	132
Additional paid-in capital	60,149	59,878
Retained earnings	4,332	13,889
	64,613	73,899
Treasury stock, at cost (2,092,376 shares in 2008 and 1,011,619 in 2007)	(1,898)	(993)
Total shareholders' equity	62,715	72,906
Total liabilities and shareholders' equity	84,735	98,465

Consolidated Statements of Operations

(in thousands, except share data)

	Year ended December 31,		Three months ended December 31,	
	2008	2007	2008	2007
	U.S. dollars		U.S. dollars	
Revenues	75,463	70,969	12,399	21,028
Cost of revenues	47,615	41,940	9,386	11,841
Gross profit	27,848	29,029	3,013	9,187
Research and development costs	12,801	12,111	3,288	2,963
Selling, general and administrative expenses	24,834	24,119	5,322	6,098
	37,635	36,230	8,610	9,061
Operating income (loss)	(9,787)	(7,201)	(5,597)	126
Financial income (expenses), net	1,000	(128)	702	66
Income (loss) before income taxes	(8,787)	(7,329)	(4,895)	192
Income tax	(770)	(362)	(570)	(163)
Net income (loss)	(9,557)	(7,691)	(5,465)	29
Net income (loss) per ordinary share:				
Basic	(0.32)	(0.25)	(0.19)	0.00
Diluted	(0.32)	(0.25)	(0.19)	0.00
Weighted average number of ordinary shares outstanding:				
Basic	29,916	30,145	29,170	30,212
Diluted	29,916	30,145	29,170	30,212