IMAGE SENSING SYSTEMS INC Form SC 13G/A February 14, 2007

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 3)*

Image Sensing Systems, Inc.

(Name of Issuer)

Common Stock, \$.01 par value

(Title of Class of Securities)

45244C 10 4

(CUSIP Number)

December 31, 2006

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

x Rule 13d-1(b)

- o Rule 13d-1(c)
- o Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 45244C 10 4

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Walrus Partners, L.L.C. 41-1863369				
2.	Check the Appropriate Box if a (a) (b)	Member of a Group (See I o o	Instructions)		
3.	SEC Use Only				
4.	Citizenship or Place of Organization Minnesota				
	5.		Sole Voting Power 195,515		
Number of Shares Beneficially Owned by Each Reporting Person With	6.		Shared Voting Power 0		
	7.		Sole Dispositive Power 195,515		
	8.		Shared Dispositive Power 0		
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 195,515				
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) 0				
11.	Percent of Class Represented by Amount in Row (9) 5.23%				
12.	Type of Reporting Person (See Instructions) IA				

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Item 1.					
	(a)	Name of Issuer	The name of the issuer is Image Sensing Systems, Inc.		
	(b)	Address of Issuer s Principal Executive Offices			
		The address of the prin	cipal executive offices of the Issuer is:		
		500 Spruce Tree Centr	e		
		1600 University Ave.	W.		
		St. Paul, MN 55104			
Item 2.					
item 2.	(a)	Name of Person Filing			
			filed by Walrus Partners, L.L.C.		
	(b)		usiness Office or, if none, Residence		
		The principal address of	of the Reporting Persons is:		
		8014 Olson Memorial,	#232		
		Golden Valley, MN 5	5127		
	(c)	Citizenship			
	(0)	Minnesota			
	(d)	Title of Class of Secur	ities		
		Common Stock, \$.01 p	ar value		
	(e)	CUSIP Number			
		45244C 10 4			
Item 3.	If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:				
	(a)	0	Broker or dealer registered under section 15 of the Act (15 U.S.C.		
			780).		
	(b)	0	Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c). Insurance company as defined in section 3(a)(19) of the Act (15		
	(c)	0	U.S.C. 78c).		
	(d)	0	Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).		
	(e)	Х	An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);		
	(f)	0	An employee benefit plan or endowment fund in accordance with \$240.13d-1(b)(1)(ii)(F);		
	(g)	0	A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);		
	(h)	0	A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);		
	(i)	0	A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);		
	(j)	0	Group, in accordance with §240.13d-1(b)(1)(ii)(J).		

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Item 4. Provide the follow	Ownership ing information regardir	ng the aggregate number and perc	centage of the class of securities of the issuer identified in Item 1.
	(a)	Amount beneficially owned:	
		195,515	
	(b)	Percent of class:	
		5.23% based upon 3,737,504 shares of the Issuer outstanding as of October 23, 2006 as reported in its Quarterly Report on Form 10-Q for the quarter ended September 30, 2006.	
	(c)	Number of shares as to which the person has:	
		(i)	Sole power to vote or to direct the vote
		(-)	
			195,515
		(ii)	Shared power to vote or to direct the vote
			0
		(iii)	Sole power to dispose or to direct the disposition of
			195,515
		(iv)	Shared power to dispose or to direct the disposition of
			0

Item 5. Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following O.

Not Applicable.

Item 6.	Ownership of More than Five Percent on Behalf of Another Person Walrus Partners, L.L.C. (Walrus) is an investment adviser registered with the State of Minnesota and as such, it may be deemed to possess sole voting and dispositive power over the securities of the Issuer described in this Schedule 13G held by its investment advisory clients. However, all securities reported in this schedule are owned by Walrus clients. Not more than 5% of the common stock of the Issuer is beneficially owned by any one client whom Walrus advises. Walrus disclaims beneficial ownership of any securities held by its investment advisory clients.
Item 7.	Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person Not Applicable.
Item 8.	Identification and Classification of Members of the Group Not Applicable.
Item 9.	Notice of Dissolution of Group Not Applicable.

Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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Signature

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 9, 2007

WALRUS PARTNERS, L.L.C.

By: Its:

R. Russell Last President