

INTEGRAL VISION INC
Form 4
March 31, 2010

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
MARXE AUSTIN W &
GREENHOUSE DAVID M

(Last) (First) (Middle)

C/O SPECIAL SITUATIONS
FUNDS, 527 MADISON AVENUE,
SUITE 2600

(Street)

NEW YORK, NY 10022

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
INTEGRAL VISION INC [INVI]

3. Date of Earliest Transaction
(Month/Day/Year)
03/30/2010

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___X___ 10% Owner
___ Officer (give title below) ___ Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)
X Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code V Amount (A) or (D) Price			
Common Stock	03/30/2010		J(2)	1,850,000 (1) A \$ 0.001	2,159,841 (1)	I (1)	By Limited Partnerships (1)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount
Warrants	\$ 0.001	03/30/2010		J ⁽²⁾	1,850,000 (3)	04/13/2005	04/12/2010	Common Stock	1,850,000

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

MARXE AUSTIN W & GREENHOUSE DAVID M
C/O SPECIAL SITUATIONS FUNDS
527 MADISON AVENUE, SUITE 2600
NEW YORK, NY 10022

X

Signatures

Austin W.
Marxe 03/31/2010
**Signature of Reporting Person Date

David M.
Greenhouse 03/31/2010
**Signature of Reporting Person Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

This is a joint filing by Austin W. Marxe (Marxe) and David M. Greenhouse (Greenhouse). They share voting and investment control over all securities owned by Special Situations Fund III QP, L.P. (QP), Special Situations Cayman Fund, L.P. (Cayman), Special Situations Private Equity Fund, LP (PE), Special Situations Technology Fund, L.P. (Tech) and Special Situations Technology II, L.P.

(1) (Tech II), respectively 309,841 shares of Common Stock are held by QP, 350,000 shares of Common Stock are held by Cayman, 750,000 shares of Common Stock are held by PE, 105,000 shares of Common Stock are held by Tech and 645,000 shares of Common Stock are held by Tech II. The interest of Marxe and Greenhouse in the shares of Common Stock and Warrants owned by QP, Cayman, PE, Tech, and Tech II is limited to the extent of his pecuniary interest.

(2) Converted warrants into common stock.

This is a joint filing by Austin W. Marxe (Marxe) and David M. Greenhouse (Greenhouse). They share voting and investment control over all securities owned by Special Situations Cayman Fund, L.P. (Cayman), Special Situations Private Equity Fund, LP (PE), Special Situations Technology Fund, L.P. (Tech) and Special Situations Technology II, L.P. (Tech II), respectively 0 Wts are held by Cayman, 0 Wts are held by PE, 0 Wts are held by Tech and 0 Wts are held by Tech II. The interest of Marxe and Greenhouse in the shares of Warrants owned by Cayman, PE, Tech, and Tech II is limited to the extent of his pecuniary interest.

(3) Situations Technology Fund, L.P. (Tech) and Special Situations Technology II, L.P. (Tech II), respectively 0 Wts are held by Cayman, 0 Wts are held by PE, 0 Wts are held by Tech and 0 Wts are held by Tech II. The interest of Marxe and Greenhouse in the shares of Warrants owned by Cayman, PE, Tech, and Tech II is limited to the extent of his pecuniary interest.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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