

Edgar Filing: INTEGRAL VISION INC - Form SC 13D/A

2. Check the Appropriate Box if a Member of a Group (See Instructions):
(a) [] Not Applicable
(b) []
3. SEC Use Only
4. Source of Funds (See Instructions): 00
5. Check if Disclosure of Legal Proceedings Is Required Pursuant to
Items 2(d) or 2(e):
Not Applicable
6. Citizenship or Place of Organization: United States
- | | | | |
|---------------------|-----|---------------------------|------------|
| Number of | 7. | Sole Voting Power: | 0* |
| Shares Beneficially | 8. | Shared Voting Power: | 7,088,696* |
| Owned by | | | |
| Each Reporting | 9. | Sole Dispositive Power: | 0* |
| Person With | 10. | Shared Dispositive Power: | 7,088,696* |
11. Aggregate Amount Beneficially Owned by Each Reporting Person:
7,088,696*
12. Check if the Aggregate Amount in Row (11) Excludes Certain Shares
(See Instructions): Not Applicable
13. Percent of Class Represented by Amount in Row (11): 22.6% *
14. Type of Reporting Person (See Instructions): IA, IN

* This is a joint filing by Austin W. Marxe (?Marxe?) and David M. Greenhouse (?Greenhouse?). Marxe and Greenhouse share sole voting and investment power over 811,808 shares of Common Stock and 350,000 Warrants owned by Special Situations Cayman Fund, L.P., 98,667 shares of Common Stock owned by Special Situations Fund III, L.P., 1,114,933 shares of Common Stock owned by Special Situations Fund III QP, L.P., 1,608,588 shares of Common Stock and 750,000 Warrants owned by Special Situations Private Equity Fund, 223,800 shares of Common Stock and 105,000 Warrants owned by Special Situations Technology Fund, L.P. and 1,380,900 shares of Common Stock and 645,000 Warrants owned by Special Situations Technology Fund II, L.P. See Items 2 and 5 of this Schedule 13D for additional information.

Item 1. Security and Issuer.

This schedule related to the common stock and warrants of Integral Vision, Inc. (the ?Issuer?). The Issuer?s principal executive officers are located at 49113 Wixom Tech Drive., Wixom, MI 48393.

Item 2. Identity and Background.

The persons filing this report are Austin W. Marxe (?Marxe?) and David M. Greenhouse (?Greenhouse?), who are the controlling principals of AWM Investment Company, Inc. (?AWM?), the general partner of and investment adviser to Special Situations Cayman Fund, L.P. (?Cayman?). AWM also serves as the general partner of MGP Advisers Limited Partnership (?MGP?), the general partner of and investment adviser to Special Situations Fund III, L.P. (?SSF3?) and Special Situations Fund III QP, L.P.* (?SSFQP?). Marxe and Greenhouse are also members of MG Advisers L.L.C. (?MG?), the general partner of and investment adviser to Special Situations Private Equity Fund, L.P. (?SSPE?), and members of SST Advisers, L.L.C. (?SSTA?), the general partner of and investment

Edgar Filing: INTEGRAL VISION INC - Form SC 13D/A

adviser to Special Situations Technology Fund, L.P. (?Technology?) and the Special Situations Technology Fund II, L.P. (?Tech II?). (SSF3, SSFQP, Cayman, SSPE, Technology and Tech II will hereafter be referred to as, the ?Funds?).

The principal office and business address of the Reporting Persons, is 527 Madison Avenue, Suite 2600, New York NY 10022.

The principal business of each Fund is to invest in equity and equity-related securities and other securities of any kind or nature.

Mr. Marxe and Mr. Greenhouse have never been convicted in any criminal proceeding (excluding traffic violations or similar misdemeanors), nor have either of them been a party to any civil proceeding commenced before a judicial or administrative body of competent jurisdiction as a result of which he was or is now subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws. Mr. Marxe and Mr. Greenhouse are citizens of the United States.

Item 3. Source and Amount of Funds or Other Consideration.

Each Fund utilized its own available net assets to purchase the securities referred to in this Schedule.

Item 4. Purpose of Transaction.

The securities referred to in this Schedule have been acquired by each of the Funds for investment purposes and not with the purpose or effect of changing or influencing control of the Issuer. Each Fund acquired the securities in the ordinary course of business and is holding the securities for the benefit of its investors.

Item 5. Interest in Securities of the Issuer.

Cayman owns 811,808 shares of Common Stock and 350,000 Warrants, or 3.9% of the shares outstanding, SSF3 owns 98,667 shares of Common Stock, or 0.3% of the shares outstanding, SSFQP owns 1,114,933 shares of Common Stock, or 3.8% of the outstanding shares, SSPE owns 1,608,588 shares of Common Stock and 750,000 Warrants, or 7.8% of the shares outstanding, Technology owns 223,800 shares of Common Stock and 105,000 Warrants, or 1.1% of the shares outstanding and Tech II owns 1,380,900 shares of Common Stock and 645,000 Warrants, or 6.7% of the shares outstanding. Messrs. Marxe and Greenhouse share the power to vote and direct the disposition of all shares of Common Stock owned by each of the Funds. Messrs. Marxe and Greenhouse are deemed to beneficially own a total of 5,238,696 shares of Common Stock and 1,850,000 Warrants, or 22.6% of the outstanding shares.

The following table reflects transactions by each of the Funds during the sixty days preceding the date of the event that required the filing of this statement. No other transactions occurred within these 60 days.

A. Special Situations Cayman Fund, L.P.

Date
Quantity
Average Price

(Purchases)

During April 2006
Common Stock

5,000

Edgar Filing: INTEGRAL VISION INC - Form SC 13D/A

\$1.72
During May 2006
Common Stock

65,200

\$1.52

Date
Quantity
Average Price

(Sales)

B. Special Situations Fund III, L.P.

Date
Quantity
Average Price

(Purchases)

During April 2006
Common Stock

700

\$1.73
During May 2006
Common Stock

18,300

\$1.48

Date
Quantity
Average Price

(Sales)

C. Special Situations Fund III QP, L.P.

Date
Quantity
Average Price

Edgar Filing: INTEGRAL VISION INC - Form SC 13D/A

(Purchases)

During April 2006
Common Stock

9,800

\$1.72
During May 2006
Common Stock

197,100

\$1.48

Date

Quantity

Average Price

(Sales)

D. Special Situations Private Equity Fund, L.P.

Date
Quantity
Average Price

(Purchases)

During May 2006
Common Stock

31,700

\$1.70

Date

Quantity

Average Price

(Sales)

E. Special Situations Technology Fund, L.P.

Edgar Filing: INTEGRAL VISION INC - Form SC 13D/A

Date
Quantity
Average Price

(Purchases)

During April 2006
Common Stock

200

\$1.65
During May 2006
Common Stock

4,400

\$1.70

Date

Quantity

Average Price

(Sales)

F. Special Situations Technology Fund II, L.P.

Date
Quantity
Average Price

(Purchases)

During April 2006
Common Stock

800

\$1.65
During May 2006
Common Stock

27,300

\$1.70

Date

Quantity

Average Price

(Sales)

Edgar Filing: INTEGRAL VISION INC - Form SC 13D/A

Item 6. Contracts, Arrangements, Understandings or Relationships With Respect to Securities of the Issuer.

No contracts, arrangements, understandings or similar relationships exist with respect to the securities of the Company between Messrs. Marxe and Greenhouse and any other individual or entity.

Item 7. Material to be Filed as Exhibits.

Joint Filing Agreement.

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: June 8, 2006

/s/_Austin W. Marxe
Austin W. Marxe

/s/_David M. Greenhouse
David M. Greenhouse

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001).

JOINT FILING AGREEMENT

Austin W. Marxe and David M. Greenhouse hereby agree that the Schedule 13D to which this agreement is attached is filed on behalf of each of them.

/s/_Austin W. Marxe
Austin W. Marxe

Edgar Filing: INTEGRAL VISION INC - Form SC 13D/A

/s/_David M. Greenhouse
David M. Greenhouse

-6-
S5313/1
06/09/06 1278889.03
-2-

S5313/1
1278889.03