

MICROVISION INC
Form 424B5
November 18, 2009
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The information contained in this preliminary prospectus supplement is not complete and may be changed. This preliminary prospectus supplement and the accompanying prospectus are not an offer to sell nor do they seek an offer to buy these securities in any jurisdiction where the offer or sale is not permitted.

Subject to Completion. Dated November 18, 2009.

**Filed Pursuant to Rule 424(b)(5)
Registration Statement Nos. 333-141454 and 333-156393**

PROSPECTUS SUPPLEMENT

(To Prospectuses dated May 7, 2007 and January 9, 2009)

Shares of Common Stock

Microvision, Inc. is offering _____ shares of common stock.

Our shares are quoted on The Nasdaq Global Market under the symbol **MVIS**. On November 18, 2009, the last sale price of our common stock as reported on The Nasdaq Global Market was \$4.11 per share.

Investing in our securities involves a high degree of risk. See Risk Factors beginning on page S-4 of this prospectus supplement and on page 2 of both the prospectus dated May 7, 2007 (the **2007 Prospectus) and the prospectus dated January 9, 2009 (the **2009 Prospectus** and, together with the 2007 Prospectus, the **Prospectuses**) accompanying this prospectus supplement for a discussion of important risks that you should consider before making an investment decision.**

| | Per Share | Total |
|--|------------------|--------------|
| Public offering price | \$ | \$ |
| Underwriting discounts and commissions | \$ | \$ |
| Proceeds, before expenses, to us | \$ | \$ |

The underwriters may also purchase up to an additional _____ shares of our common stock at the public offering price, less the underwriting discounts and commissions, within 30 days from the date of this prospectus supplement to cover overallocments.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined that this prospectus supplement or the accompanying Prospectuses is truthful or complete. Any representation to the

contrary is a criminal offense.

Oppenheimer & Co.

Thomas Weisel Partners LLC

Craig-Hallum Capital Group

The date of this prospectus supplement is November , 2009.

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This prospectus supplement is not complete without, and may not be utilized except in connection with, the accompanying Prospectuses and any amendments to such Prospectuses. This prospectus supplement provides supplemental information regarding the Company, updates and changes information contained in the accompanying Prospectuses and describes the specific terms of this offering. The accompanying Prospectuses give more general information, some of which may not apply to this offering. We incorporate by reference important information into this prospectus supplement and the accompanying Prospectuses. You may obtain the information incorporated by reference into this prospectus supplement and the accompanying Prospectuses without charge by following the instructions under **Where You Can Find More Information** in the accompanying Prospectuses. You should carefully read both this prospectus supplement and the accompanying Prospectuses, as well as additional information described under **Documents Incorporated by Reference**, before deciding to invest in shares of our common stock. If the information in, or incorporated by reference in, this prospectus supplement conflicts with information in the accompanying Prospectuses or a document incorporated by reference herein or therein, the information in, or incorporated by reference in, this prospectus supplement shall control. All references in this prospectus supplement to **Microvision**, **the Company**, **we**, **us** or **our** mean Microvision, Inc., unless we state otherwise or the context otherwise requires.

You should rely only on the information contained in, or incorporated by reference in, this prospectus supplement and the accompanying Prospectuses. We have not, and the underwriters have not, authorized anyone to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. We are not, and the underwriters are not, making an offer to sell these securities in any jurisdiction where the offer or sale is not permitted. The information contained in, or incorporated by reference in, this prospectus supplement and the accompanying Prospectuses is accurate only as of the date on the front cover of this prospectus supplement or the accompanying Prospectuses or the date of the document incorporated by reference, as applicable. Our business, financial condition, results of operations, cash flows and prospects may have changed since those dates.

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STATEMENTS REGARDING FORWARD-LOOKING INFORMATION

This prospectus supplement and the accompanying Prospectuses and the documents incorporated herein and therein by reference include or incorporate by reference forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act. The words “anticipate,” “believe,” “estimate,” “will,” “may,” “intend” and “expect” and similar expressions generally identify forward-looking statements. Although we believe that our plans, intentions and expectations reflected in the forward-looking statements are reasonable, we cannot be sure that they will be achieved. Important factors that could cause actual results to differ materially from our forward-looking statements are set forth in the section entitled “Risk Factors” in this prospectus supplement, in the section entitled “Risk Factors” in the accompanying Prospectuses, and in the documents incorporated by reference into this prospectus supplement and the accompanying Prospectuses. These factors are not intended to represent a complete list of the general or specific factors that may affect us. It should be recognized that other factors, including general economic factors and business strategies, may be significant, now or in the future, and the factors set forth in this prospectus supplement and the accompanying Prospectuses may affect us to a greater extent than indicated. All forward-looking statements attributable to us or persons acting on our behalf are expressly qualified in their entirety by the cautionary statements set forth in or incorporated into this prospectus supplement and the accompanying Prospectuses. Except as required by law, we undertake no obligation to update any forward-looking statement, whether as a result of new information, future events or otherwise.

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PROSPECTUS SUPPLEMENT SUMMARY

The following summary is qualified in its entirety by, and should be read in conjunction with, the more detailed information and our consolidated financial statements and notes thereto appearing elsewhere in or incorporated by reference in this prospectus supplement and the accompanying Prospectuses. This summary does not contain all of the information that you should consider before investing in our securities. You should read the entire prospectus supplement and the accompanying Prospectuses, together with the documents incorporated by reference herein and therein, carefully.

Our Company

Overview

We are commercializing high-resolution miniature projection engines based upon our technology platform. Our technology platform utilizes our expertise in two dimensional Micro-Electrical Mechanical systems (MEMS), lasers, optics and electronics to create a high quality video or still image from a small form factor device with low power needs.

Our strategy is to develop and supply a proprietary projection engine called PicoP[®] to potential OEM customers who will embed them into a variety of consumer and automotive products. The primary objective for consumer applications is to provide users of mobile devices with a large screen viewing experience produced by a small embedded projector. Mobile devices may include cell phones, PDAs, gaming consoles and other consumer electronics products. These potential products would allow users to watch movies, play videos, display images, and other data onto a variety of flat or curved surfaces.

We recently launched a small accessory projector that is the first commercial product based on the PicoP projection engine. The accessory projector can display images from a variety of video sources including cell phones, portable media players, PDAs, gaming consoles, laptop computers, digital cameras, and other consumer electronics products. We are currently shipping the accessory projector in limited quantities through our Asian based distributor. We plan to add distribution channels as the production capacity for our manufacturing partner, green laser suppliers and other component suppliers increases.

The PicoP projection engine with some modification could be embedded into a vehicle or integrated into a portable standalone aftermarket device to create a high-resolution head-up display (HUD) that could project point-by-point navigation, critical operational, safety and other information important to the driver or pilot. The PicoP could be further modified to be embedded into a pair of glasses to provide the mobile user with a see-through or occluded personal display to view movies, play games or access other content.

Corporate Information

Microvision was founded in 1993 as a Washington corporation and reincorporated in 2003 under the laws of the State of Delaware. Our principal office is located at 6222 185th Avenue NE, Redmond WA 98052 and our telephone number is 425-936-6847. We maintain a website at www.microvision.com, where general information about us is available. We do not incorporate the information on our website into this prospectus supplement and the accompanying Prospectuses and you should not consider it part of this prospectus supplement and the accompanying Prospectuses.

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The Offering

| | |
|--|--|
| Common stock offered by us | shares |
| Common stock to be outstanding after this offering | shares |
| Nasdaq Global Market Symbol | MVIS |
| Use of proceeds | The net proceeds from the sale of common stock offered by this prospectus supplement will be used for general corporate purposes. See Use of Proceeds. |
| Risk factors | See Risk Factors beginning on page S-4 of this prospectus supplement and on page 2 of both of the accompanying Prospectuses for a discussion of the factors you should carefully consider before deciding to invest in our securities. |
| The number of shares of common stock to be outstanding after this offering is based on 77,504,000 shares outstanding as of November 16, 2009 and excludes 8,491,000 shares issuable upon exercise of outstanding options, 10,394,000 shares issuable upon exercise of outstanding warrants and 2,104,000 shares reserved for issuance pursuant to our 2006 Incentive Plan, as amended. | |
| Unless otherwise indicated, all information in this prospectus supplement assumes no exercise of the underwriters' overallotment option to purchase up to _____ shares of our common stock. | |

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RISK FACTORS

Any investment in our common stock involves a high degree of risk. You should consider carefully the risks and uncertainties described in the accompanying Prospectuses under Risk Factors, and all other information included or incorporated by reference in this prospectus supplement and the accompanying Prospectuses, before you decide whether to purchase our common stock. Additional risks and uncertainties not currently known to us or that we currently deem immaterial may also become important factors that may harm our business. The occurrence of any of such risks could harm our business. The trading price of our common stock could decline due to any of these risks and uncertainties, and you may lose part or all of your investment.

USE OF PROCEEDS

We expect the net proceeds from the sale of the shares of common stock being offered by this prospectus supplement will be approximately \$ million (or approximately \$ million if the underwriters exercise their overallotment option in full), after deducting the underwriting fees and our estimated offering expenses. We intend to use the net proceeds from the sale of the shares of common stock for general corporate purposes, including, but not limited to, working capital and capital expenditures. Although we have no acquisitions planned, we may also use a portion of the net proceeds to acquire other technologies. Our board of directors will have broad discretion in determining how any net proceeds will be used.

DESCRIPTION OF OUR CAPITAL STOCK

Our Certificate of Incorporation authorizes us to issue 225,000,000 shares of common stock, \$0.001 par value per share, and 25,000,000 shares of preferred stock, \$0.001 par value per share. As of November 16, 2009, there were 77,504,000 shares of common stock, and no shares of preferred stock, outstanding.

Common Stock. All outstanding common stock is, and any stock issued under this prospectus supplement will be, fully paid and nonassessable. Subject to the rights of the holders of our outstanding preferred stock, holders of common stock:

are entitled to any dividends validly declared;

will share ratably in our net assets in the event of a liquidation; and

are entitled to one vote per share.

The common stock has no conversion rights. Holders of common stock have no preemption, subscription, redemption, or call rights related to those shares.

American Stock Transfer & Trust Company is the transfer agent and registrar for our common stock.

Preferred Stock. The Board of Directors has the authority, without further action by the shareholders, to issue shares of preferred stock in one or more series and to fix the rights, preferences, privileges and restrictions thereof, including dividend rights, conversion rights, voting rights, terms of redemption, liquidation preferences, sinking fund terms and the number of shares constituting any series or the designation of such series, without any further vote or action by the shareholders. The issuance of preferred stock could adversely affect the voting power of holders of our common stock and the likelihood that such holders will receive dividend payments and payments upon liquidation may have the effect of delaying, deferring or preventing a change in control of Microvision, which could depress the market price of our common stock.

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DILUTION

If you invest in our securities, your interest will be diluted by an amount equal to the difference between the public offering price and the net tangible book value per share of common stock after this offering. We calculate net tangible book value per share by dividing our net tangible book value (total assets less intangible assets and total liabilities) by the number of outstanding shares of common stock.

Our net tangible book value at September 30, 2009 was \$15,898,000, or \$0.21 per share of common stock. After giving effect to the sale of _____ shares of common stock in this offering at the price of \$ _____ per share, and our receipt of the net proceeds from the sale of those shares, our adjusted net tangible book value at September 30, 2009 would be \$ _____, or \$ _____ per share. This represents an immediate increase in as adjusted net tangible book value of \$ _____ per share to existing shareholders and an immediate and substantial dilution of \$ _____ per share to new investors. The following table illustrates this per share dilution:

| | | |
|---|---------|----|
| Public offering price per share | | \$ |
| Net tangible book value per share at September 30, 2009 | \$ 0.21 | |
| Increase in net tangible book value per share attributable to offering | \$ | |
| As adjusted net tangible book value per share as of September 30, 2009, after giving effect to the offering | | \$ |
| Dilution per share to new investors in the offering | | \$ |

If the underwriters' overallotment option is exercised in full, our as adjusted net tangible book value per share after giving effect to this offering would be \$ _____, and the dilution in as adjusted net tangible book value per share to investors in this offering would be \$ _____ per share.

These calculations exclude:

11,077,000 shares of common stock issuable upon exercise of warrants outstanding on September 30, 2009, all of which are exercisable at prices ranging from \$2.19 to \$34.00 per share; and

8,706,000 shares of common stock issuable upon exercise of options outstanding as of September 30, 2009, of which approximately 5,074,000 shares are exercisable, under our 2006 Incentive Plan, as amended.

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UNDERWRITING

We have entered into an underwriting agreement with the underwriters named below. Oppenheimer & Co. Inc. is acting as representative of the underwriters.

The underwriting agreement provides for the purchase of a specific number of shares of common stock by each of the underwriters. The underwriters' obligations are several, which means that each underwriter is required to purchase a specific number of shares, but is not responsible for the commitment of any other underwriter to purchase shares. Subject to the terms and conditions of the underwriting agreement, each underwriter has severally agreed to purchase the number of shares of common stock set forth opposite its name below:

| Underwriter | Number of Shares |
|--------------------------------|------------------|
| Oppenheimer & Co. Inc. | |
| Thomas Weisel Partners LLC | |
| Craig-Hallum Capital Group LLC | |

Total

The underwriters have agreed to purchase all of the shares offered by this prospectus supplement (other than those covered by the over-allotment option described below), if any are purchased.

The shares should be ready for delivery on or about November 1, 2009 against payment in immediately available funds. The underwriters are offering the shares subject to various conditions and may reject all or part of any order. The underwriters have advised us that they propose to offer the shares directly to the public at the public offering price that appears on the cover page of this prospectus supplement. In addition, the underwriters may offer some of the shares to other securities dealers at such price less a concession of \$ 0.05 per share. After the shares are released for sale to the public, the underwriters may change the offering price and other selling terms at various times.

We have granted the underwriters an over-allotment option. This option, which is exercisable for up to 30 days after the date of this prospectus supplement, permits the underwriters to purchase a maximum of additional shares from us to cover over-allotments. If any shares are purchased with this over-allotment option, the underwriters will purchase shares in approximately the same proportion as shown in the table above. If the underwriters exercise all or part of this option, they will purchase shares covered by the option at the public offering price that appears on the cover page of this prospectus supplement, less the underwriting discount. If this option is exercised in full, the total price to the public will be \$ 10.00 and the total proceeds to us will be \$ 9.00.

The following table provides information regarding the amount of the discount to be paid to the underwriters by us:

| | Without Exercise of Over-Allotment Option | With Full Exercise of Over-Allotment Option |
|-----------|--|--|
| Per Share | \$ 0.05 | \$ 0.05 |
| Total | \$ 0.05 | \$ 0.05 |

Grandwood Securities LLC, a FINRA member, has entered into an agreement with us to provide certain finders services under which Grandwood Securities LLC has introduced us to the underwriters. Pursuant to the terms of the finders agreement, the underwriters will pay Grandwood Securities LLC, on our behalf, a finders fee equal to 1% of the total underwriting discount payable to the underwriters, which amount will reduce the total underwriting discount to be paid to the underwriters.

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We estimate that our total expenses of the offering, excluding the underwriting discount and finders fees, will be approximately \$ _____, which includes \$100,000 that we have agreed to reimburse the underwriters for the fees incurred by them in connection with the offering.

We have agreed to indemnify the underwriters and Grandwood Securities LLC against certain liabilities, including liabilities under the Securities Act of 1933.

We and our executive officers and directors and one of our stockholders have agreed to a 90-day lock up with respect to shares of capital stock that they beneficially own, including securities that are convertible into shares of common stock and securities that are exchangeable or exercisable for shares of common stock. This means that, subject to certain exceptions, for a period of 90 days following the date of this prospectus supplement, we and such persons may not offer, sell, pledge or otherwise dispose of these securities without the prior written consent of Oppenheimer & Co. Inc.

Rules of the SEC may limit the ability of the underwriters to bid for or purchase shares before the distribution of the shares is completed. However, the underwriters may engage in the following activities in accordance with the rules:

Stabilizing transactions The underwriters may make bids or purchases for the purpose of pegging, fixing or maintaining the price of the shares, so long as stabilizing bids do not exceed a specified maximum.

Over-allotments and syndicate covering transactions The underwriters may sell more shares of our common stock in connection with this offering than the number of shares that they have committed to purchase. This over-allotment creates a short position for the underwriters. This short sales position may involve either covered short sales or naked short sales. Covered short sales are short sales made in an amount not greater than the underwriters' over-allotment option to purchase additional shares in this offering described above. The underwriters may close out any covered short position either by exercising their over-allotment option or by purchasing shares in the open market. To determine how they will close the covered short position, the underwriters will consider, among other things, the price of shares available for purchase in the open market, as compared to the price at which they may purchase shares through the over-allotment option. Naked short sales are short sales in excess of the over-allotment option. The underwriters must close out any naked short position by purchasing shares in the open market. A naked short position is more likely to be created if the underwriters are concerned that, in the open market after pricing, there may be downward pressure on the price of the shares that could adversely affect investors who purchase shares in this offering.

Penalty bids If the underwriters purchase shares in the open market in a stabilizing transaction or syndicate covering transaction, they may reclaim a selling concession from the selling group members who sold those shares as part of this offering.

Passive market making Market makers in the shares who are underwriters or prospective underwriters may make bids for or purchases of shares, subject to limitations, until the time, if ever, at which a stabilizing bid is made. Similar to other purchase transactions, the underwriters' purchases to cover the syndicate short sales or to stabilize the market price of our common stock may have the effect of raising or maintaining the market price of our common stock or preventing or mitigating a decline in the market price of our common stock. As a result, the price of the shares of our common stock may be higher than the price that might otherwise exist in the open market. The imposition of a penalty bid might also have an effect on the price of the shares if it discourages resales of the shares.

Neither we nor the underwriters make any representation or prediction as to the effect that the transactions described above may have on the price of the shares. These transactions may occur on the NASDAQ Global Market or otherwise. If such transactions are commenced, they may be discontinued without notice at any time.

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The underwriters may in the future provide us and our affiliates with investment banking and financial advisory services for which they may in the future receive customary fees.

Electronic Delivery of Prospectus Supplements: A prospectus supplement in electronic format may be delivered to potential investors by the underwriters participating in this offering. The prospectus supplement in electronic format will be identical to the paper version of such prospectus supplement. Other than the prospectus supplement in electronic format, the information on the underwriters' web sites and any information contained in any other web site maintained by the underwriters is not part of the prospectus supplement or the registration statement of which this prospectus supplement forms a part.

Notice to Non-US Investors

The offering is exclusively conducted under applicable private placement exemptions and therefore it has not been and will not be notified to, and this document or any other offering material relating to the shares has not been and will not be approved by, the Belgian Banking, Finance and Insurance Commission (Commission bancaire, financière et des assurances/Commissie voor het Bank-, Financier- en Assurantiewezen). Any representation to the contrary is unlawful.

The underwriters have undertaken not to offer, sell, resell, transfer or deliver directly or indirectly, any shares, or to take any steps relating/ancillary thereto, and not to distribute or publish this document or any other material relating to the shares or to the offering in a manner which would be construed as: (a) a public offering under the Belgian Royal Decree of 7 July 1999 on the public character of financial transactions; or (b) an offering of shares to the public under Directive 2003/71/EC which triggers an obligation to publish a prospectus in Belgium. Any action contrary to these restrictions will cause the recipient and the issuer to be in violation of the Belgian securities laws.

Neither this prospectus supplement nor any other offering material relating to the shares has been submitted to the clearance procedures of the Autorité des marchés financiers in France. The shares have not been offered or sold and will not be offered or sold, directly or indirectly, to the public in France. Neither this prospectus supplement nor any other offering material relating to the shares has been or will be: (a) released, issued, distributed or caused to be released, issued or distributed to the public in France; or (b) used in connection with any offer for subscription or sale of the shares to the public in France. Such offers, sales and distributions will be made in France only: (i) to qualified investors (investisseurs qualifiés) and/or to a restricted circle of investors (cercle restreint d'investisseurs), in each case investing for their own account, all as defined in and in accordance with Articles L.411-2, D.411-1, D.411-2, D.734-1, D.744-1, D.754-1 and D.764-1 of the French Code monétaire et financier; (ii) to investment services providers authorised to engage in portfolio management on behalf of third parties; or (iii) in a transaction that, in accordance with article L.411-2-II-1°-or-2°-or-3° of the French Code monétaire et financier and Article 211-2 of the General Regulations (Règlement Général) of the Autorité des marchés financiers, does not constitute a public offer (appel public à l'épargne). Such shares may be resold only in compliance with Articles L.411-1, L.411-2, L.412-1 and L.621-8 through L.621-8-3 of the French Code monétaire et financier.

In relation to each Member State of the European Economic Area which has implemented the Prospectus Directive (each, a Relevant Member State) an offer to the public of any shares which are the subject of the offering contemplated by this prospectus supplement may not be made in that Relevant Member State, except that an offer to the public in that Relevant Member State of any shares may be made at any time under the following exemptions under the Prospectus Directive, if they have been implemented in that Relevant Member State:

- (a) to legal entities which are authorised or regulated to operate in the financial markets or, if not so authorized or regulated, whose corporate purpose is solely to invest in securities;

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- (b) to any legal entity which has two or more of (1) an average of at least 250 employees during the last financial year; (2) a total balance sheet of more than 43,000,000 and (3) an annual net turnover of more than 50,000,000, as shown in its last annual or consolidated accounts;
- (c) by the underwriters to fewer than 100 natural or legal persons (other than qualified investors as defined in the Prospectus Directive) subject to obtaining the prior consent of the underwriters for any such offer; or
- (d) in any other circumstances falling within Article 3(2) of the Prospectus Directive, provided that no such offer of shares shall result in a requirement for the publication by the issuer or the underwriters of a prospectus pursuant to Article 3 of the Prospectus Directive. For the purposes of this provision, the expression an offer to the public in relation to any shares in any Relevant Member State means the communication in any form and by any means of sufficient information on the terms of the offer and any shares to be offered so as to enable an investor to decide to purchase any shares, as the same may be varied in that Member State by any measure implementing the Prospectus Directive in that Member State and the expression Prospectus Directive means Directive 2003/71/EC and includes any relevant implementing measure in each Relevant Member State.

Each of the underwriters has represented, warranted and agreed that:

- (a) it has only communicated or caused to be communicated and will only communicate or cause to be communicated any invitation or inducement to engage in investment activity (within the meaning of section 21 of the Financial Services and Markets Act 2000 (the FSMA)) received by it in connection with the issue or sale of any shares in circumstances in which section 21(1) of the FSMA does not apply to the issuer; and
- (b) it has complied with and will comply with all applicable provisions of the FSMA with respect to anything done by it in relation to the shares in, from or otherwise involving the United Kingdom.

In the State of Israel, the shares offered hereby may not be offered to any person or entity other than the following:

- (a) a fund for joint investments in trust (i.e., mutual fund), as such term is defined in the Law for Joint Investments in Trust, 5754-1994, or a management company of such a fund;
- (b) a provident fund as defined in Section 47(a)(2) of the Income Tax Ordinance of the State of Israel, or a management company of such a fund;
- (c) an insurer, as defined in the Law for Oversight of Insurance Transactions, 5741-1981, (d) a banking entity or satellite entity, as such terms are defined in the Banking Law (Licensing), 5741-1981, other than a joint services company, acting for their own account or for the account of investors of the type listed in Section 15A(b) of the Securities Law 1968;
- (d) a company that is licensed as a portfolio manager, as such term is defined in Section 8(b) of the Law for the Regulation of Investment Advisors and Portfolio Managers, 5755-1995, acting on its own account or for the account of investors of the type listed in Section 15A(b) of the Securities Law 1968;

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- (e) a company that is licensed as an investment advisor, as such term is defined in Section 7(c) of the Law for the Regulation of Investment Advisors and Portfolio Managers, 5755-1995, acting on its own account;
- (f) a company that is a member of the Tel Aviv Stock Exchange, acting on its own account or for the account of investors of the type listed in Section 15A(b) of the Securities Law 1968;
- (g) an underwriter fulfilling the conditions of Section 56(c) of the Securities Law, 5728-1968;

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- (h) a venture capital fund (defined as an entity primarily involved in investments in companies which, at the time of investment, (i) are primarily engaged in research and development or manufacture of new technological products or processes and (ii) involve above-average risk);
 - (i) an entity primarily engaged in capital markets activities in which all of the equity owners meet one or more of the above criteria; and
 - (j) an entity, other than an entity formed for the purpose of purchasing shares in this offering, in which the shareholders equity (including pursuant to foreign accounting rules, international accounting regulations and U.S. generally accepted accounting rules, as defined in the Securities Law Regulations (Preparation of Annual Financial Statements), 1993) is in excess of NIS 250 million.
- Any offeree of the shares offered hereby in the State of Israel shall be required to submit written confirmation that it falls within the scope of one of the above criteria. This prospectus supplement will not be distributed or directed to investors in the State of Israel who do not fall within one of the above criteria.

The offering of the shares offered hereby in Italy has not been registered with the Commissione Nazionale per la Società e la Borsa (CONSOB) pursuant to Italian securities legislation and, accordingly, the shares offered hereby cannot be offered, sold or delivered in the Republic of Italy (Italy) nor may any copy of this prospectus supplement or any other document relating to the shares offered hereby be distributed in Italy other than to professional investors (operatori qualificati) as defined in Article 31, second paragraph, of CONSOB Regulation No. 11522 of 1 July, 1998, as subsequently amended. Any offer, sale or delivery of the shares offered hereby or distribution of copies of this prospectus supplement or any other document relating to the shares offered hereby in Italy must be made:

- (a) by an investment firm, bank or intermediary permitted to conduct such activities in Italy in accordance with Legislative Decree No. 58 of 24 February 1998 and Legislative Decree No. 385 of 1 September 1993 (the Banking Act);
- (b) in compliance with Article 129 of the Banking Act and the implementing guidelines of the Bank of Italy; and
- (c) in compliance with any other applicable laws and regulations and other possible requirements or limitations which may be imposed by Italian authorities.

This prospectus supplement has not been nor will it be registered with or approved by Finansinspektionen (the Swedish Financial Supervisory Authority). Accordingly, this prospectus supplement may not be made available, nor may the shares offered hereunder be marketed and offered for sale in Sweden, other than under circumstances which are deemed not to require a prospectus under the Financial Instruments Trading Act (1991: 980). This offering will be made to no more than 100 persons or entities in Sweden.

The shares offered pursuant to this prospectus supplement will not be offered, directly or indirectly, to the public in Switzerland and this prospectus supplement does not constitute a public offering prospectus as that term is understood pursuant to art. 652a or art. 1156 of the Swiss Federal Code of Obligations. The issuer has not applied for a listing of the shares being offered pursuant to this prospectus supplement on the SWX Swiss Exchange or on any other regulated securities market, and consequently, the information presented in this prospectus supplement does not necessarily comply with the information standards set out in the relevant listing rules. The shares being offered pursuant to this prospectus supplement have not been registered with the Swiss Federal Banking Commission as foreign investment funds, and the investor protection afforded to acquirers of investment fund certificates does not extend to acquirers of shares.

Investors are advised to contact their legal, financial or tax advisers to obtain an independent assessment of the financial and tax consequences of an investment in shares.

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LEGAL MATTERS

The validity of the common stock being offered hereby will be passed upon for us by Ropes & Gray LLP, Boston, Massachusetts. Goodwin Procter LLP, New York, New York, is acting as counsel for the underwriters in connection with various legal matters relating to the shares of common stock offered hereby.

DOCUMENTS INCORPORATED BY REFERENCE

We file annual, quarterly and special reports, proxy statements and other information with the SEC. These documents are on file with the SEC. You may read and copy any document we file at the SEC's public reference room at 100 F Street, N.E., Washington, D.C. 20549. You can request copies of these documents by contacting the SEC and paying a fee for the copying cost. Please call the SEC at 1-800-SEC-0330 for further information on the public reference room. Our SEC filings are also available to the public from the SEC's website at www.sec.gov.

This prospectus supplement and the accompanying Prospectuses are part of registration statements on Form S-3, including amendments, relating to the common stock offered by this prospectus supplement and the accompanying Prospectuses, which have been filed with the SEC. This prospectus supplement and the accompanying Prospectuses do not contain all of the information set forth in the registration statements and the exhibits and schedules thereto, certain parts of which are omitted in accordance with the rules and regulations of the SEC. Statements contained in this prospectus supplement and the accompanying Prospectuses as to the contents of any contract or other document referred to are not necessarily complete and in each instance reference is made to the copy of that contract or other document filed as an exhibit to the registration statements. For further information about us and the common stock offered by this prospectus supplement and the accompanying Prospectuses we refer you to the registration statements and the exhibits and schedules which may be obtained as described above.

The SEC allows us to incorporate by reference the information contained in documents that we file with them, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus supplement and the accompanying Prospectuses. Information in the accompanying Prospectuses supersedes information incorporated by reference that we filed with the SEC before the date of the accompanying Prospectuses, and information in this prospectus supplement supersedes information incorporated by reference that we filed with the SEC before the date of this prospectus supplement, while information that we file later with the SEC will automatically update and supersede prior information.

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PROSPECTUS

\$35,000,000

MICROVISION, INC.

Common Stock

Preferred Stock

Warrants

We may sell from time to time up to \$35,000,000 of our common stock, preferred stock, or warrants in one or more transactions.

We will provide specific terms of these securities and offerings in supplements to this prospectus. You should read this prospectus and any supplement carefully before you invest.

Our common stock is traded on the Nasdaq Global Market under the symbol **MVIS**. On May 4, 2007, the closing price of our common stock on the Nasdaq Global Market was \$4.16 per share.

The securities offered in this prospectus involve a high degree of risk. See

Risk Factors on page 2.

Our executive offices are located at 6222 185th Avenue NE, Redmond, Washington 98052, and our telephone number is (425) 936-6847.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is May 7, 2007.

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FORWARD-LOOKING STATEMENTS

This prospectus and the documents incorporated by reference in this prospectus contain forward-looking statements, within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act, with respect to our financial condition, results of operations, business, and prospects. Words such as anticipates, expects, intends, plans, believes, seeks, estimates, may, will, and similar expressions identify forward-looking statements. Although that our plans, intentions and expectations reflected in these forward-looking statements are reasonable, we cannot be certain that these plans, intentions or expectations will be achieved. Actual results, performance or achievements could differ materially from those contemplated, expressed or implied by the forward-looking statements contained or incorporated by reference in this prospectus.

Forward-looking statements include, but are not limited to, those relating to the general direction of our business, including our scanned beam display and image capture businesses; the ability of our scanned beam display technology or products incorporating this technology to achieve market acceptance; our ability to marshal adequate financial, management and technical resources to develop and commercialize our technologies; our expected revenues and expenses in future periods; our ability to obtain financing; the market value of our investment in Lumera Corporation; developments in the defense, aerospace and other industries on which we have focused; and our relationships with strategic partners.

These forward-looking statements are not guarantees of future performance. There are important factors that could cause our actual results, performance or achievements to differ materially from those contemplated, expressed or implied by such forward-looking statements, including those factors discussed in Risk Factors below.

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RISK FACTORS

You should carefully consider the specific risks set forth under the caption "Risk Factors" in our most recent annual report on Form 10-K, as amended or supplemented, which is incorporated by reference in this prospectus, as the same may be amended, supplemented or superseded by our subsequent filings, including filings after the date hereof, with the Securities and Exchange Commission under the Exchange Act. The risks and uncertainties we describe are not the only ones facing us. Additional risks not presently known to us or that we currently deem immaterial may also impair our business operations. If any of these risks were to occur, our business, financial condition or results of operations would likely suffer. In that event, the trading price of our common stock could decline, and you could lose all or part of your investment.

THE COMPANY

Microvision Inc. is a leader in the development of high-resolution displays and imaging systems based on silicon micro-mirror technology. The Company's technology has applications in a broad range of consumer, medical, industrial, professional and military products.

USE OF PROCEEDS

Unless otherwise indicated in the applicable prospectus supplement, we anticipate that the net proceeds from the sale of the securities offered under this prospectus will be used for general corporate purposes, which may include, but are not limited to, working capital, capital expenditures, and acquisitions of other technologies. The prospectus supplement relating to specific sales of our securities hereunder will set forth our intended use for the net proceeds we receive from the sales. Pending the application of the net proceeds, we expect to invest the proceeds in investment-grade, interest-bearing instruments or other securities.

RATIO OF COMBINED FIXED CHARGES AND PREFERENCE DIVIDENDS TO EARNINGS

As we have incurred losses in each of the periods presented below, our earnings were inadequate to cover fixed charges and preference dividends, if any, by the following amounts (in thousands):

| | Fiscal Year Ended December 31, | | | | |
|---|---------------------------------------|-------------|-------------|-------------|-------------|
| | 2002 | 2003 | 2004 | 2005 | 2006 |
| Additional earnings required to cover fixed charges | \$ 34,917 | \$ 33,288 | \$ 33,924 | \$ 27,641 | \$ 32,432 |

Our deficiency of combined fixed charges and preference dividends to earnings for each of the periods referred to above has been computed on a consolidated basis and should be read in conjunction with the consolidated financial statements, including the notes thereto, and other information set forth in the reports filed by us with the SEC. Please refer to Exhibit 12 filed with the registration statement of which this prospectus constitutes a part for additional information regarding the ratio of earnings to cover fixed charges and preference dividends, if any.

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DESCRIPTION OF CAPITAL STOCK

Our Certificate of Incorporation authorizes us to issue 125,000,000 shares of common stock, \$.001 par value per share, and 25,000,000 shares of preferred stock, \$.001 par value per share. As of March 19, 2007, there were 43,389,987 shares of common stock, and no shares of preferred stock, outstanding.

Common Stock. All outstanding common stock is, and any stock issued under this prospectus will be, fully paid and nonassessable. Subject to the rights of the holders of our outstanding preferred stock, holders of common stock:

are entitled to any dividends validly declared;

will share ratably in our net assets in the event of a liquidation; and

are entitled to one vote per share.

The common stock has no conversion rights. Holders of common stock have no preemption, subscription, redemption, or call rights related to those shares.

American Stock Transfer & Trust Company is the transfer agent and registrar for our common stock.

Preferred Stock. The Board of Directors has the authority, without further action by the shareholders, to issue shares of preferred stock in one or more series and to fix the rights, preferences, privileges and restrictions thereof, including dividend rights, conversion rights, voting rights, terms of redemption, liquidation preferences, sinking fund terms and the number of shares constituting any series or the designation of such series, without any further vote or action by the shareholders. The issuance of preferred stock could adversely affect the voting power of holders of our common stock and the likelihood that such holders will receive dividend payments and payments upon liquidation may have the effect of delaying, deferring or preventing a change in control of Microvision, which could depress the market price of our common stock. We currently have no shares of preferred stock outstanding. If we offer preferred stock, the terms of that series of preferred stock will be set forth in the prospectus supplement relating to that series.

DESCRIPTION OF WARRANTS

We may issue warrants for the purchase of common stock, preferred stock or units of any combination of the foregoing securities. Each series of warrants will be issued under a warrant agreement all as set forth in the prospectus supplement or term sheet relating to the warrants offered hereby. A copy of the form of warrant agreement, including any form of warrant certificates representing the warrants, reflecting the provisions to be included in the warrant agreements and/or warrant certificates that will be entered into with respect to particular offerings of warrants, will be filed as an exhibit to a Form 8-K to be incorporated into the registration statement of which this prospectus constitutes a part prior to the issuance of any warrants.

The applicable prospectus supplement or term sheet will describe the terms of the warrants offered thereby, any warrant agreement relating to such warrants and the warrant certificates, including but not limited to the following:

the offering price or prices;

the aggregate amount of securities that may be purchased upon exercise of such warrants and minimum number of warrants that are exercisable;

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the number of securities, if any, with which such warrants are being offered and the number of such warrants being offered with each security;

the date on and after which such warrants and the related securities, if any, will be transferable separately;

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the amount of securities purchasable upon exercise of each warrant and the price at which the securities may be purchased upon such exercise, and events or conditions under which the amount of securities may be subject to adjustment;

the date on which the right to exercise such warrants shall commence and the date on which such right shall expire;

the circumstances, if any, which will cause the warrants to be deemed to be automatically exercised;

any material risk factors relating to such warrants;

the identity of any warrant agent; and

any other terms of such warrants (which shall not be inconsistent with the provisions of the warrant agreement).

Prior to the exercise of any warrants, holders of such warrants will not have any rights of holders of the securities purchasable upon such exercise, including the right to receive payments of dividends, if any, on the securities purchasable upon such exercise, statutory appraisal rights or the right to vote such underlying securities.

Prospective purchasers of warrants should be aware that material U.S. federal income tax, accounting and other considerations may be applicable to instruments such as warrants. The prospectus supplement or term sheet relating to any issue of warrants will describe such considerations.

PLAN OF DISTRIBUTION

General. We may sell the securities offered hereby directly to one or more purchasers, through agents, or through underwriters or dealers designated from time to time. The distribution of securities may be effected from time to time in one or more transactions at a fixed price or prices (which may be changed from time to time), at market prices prevailing at the times of sale, at prices related to these prevailing market prices or at negotiated prices. The applicable prospectus supplement will describe the terms of the offering of the securities, including

the terms of the securities to which such prospectus supplement relates;

the name or names of any underwriters, if any;

the purchase price of the securities and the proceeds we will receive from the sale;

any underwriting discounts and other items constituting underwriters' compensation; and

any discounts or concessions allowed or reallocated or paid to dealers.

Underwriters named in the prospectus supplement, if any, are only underwriters of the securities offered with the prospectus supplement.

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Sales Directly to Purchasers. We may enter into agreements directly with one or more purchasers. Such agreements may provide for the sale of securities at a fixed price, based on the market price of the securities or otherwise.

Use of Underwriters and Agents. If underwriters are used in the sale of securities, they will acquire the securities for their own account and may resell them from time to time in one or more transactions at a fixed public offering price or at varying prices determined at the time of sale. The securities may be offered to the public through underwriting syndicates represented by managing underwriters or by underwriters without a syndicate. Subject to certain conditions, the underwriters will be obligated to purchase all the securities offered by the prospectus supplement. Any public offering price and any discounts or concessions allowed or reallocated or paid to dealers may change from time to time.

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Securities may be sold directly to or through agents from time to time. Any agent involved in the offering and sale of securities will be named and any commissions paid to the agent will be described in the prospectus supplement. Unless the prospectus supplement states otherwise, any agent will act on a best-efforts basis for the period of its appointment. Agents or underwriters may be authorized to solicit offers by certain types of institutional investors to purchase securities at the public offering price set forth in the prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on a specified date in the future. The conditions to these contracts and the commissions paid for solicitation of these contracts will be described in the prospectus supplement.

Deemed Underwriters. In connection with the sale of the securities offered with this prospectus, underwriters, dealers or agents may receive compensation from us or from purchasers of the securities for whom they may act as agents, in the form of discounts, concessions or commissions. The underwriters, dealers or agents which participate in the distribution of the securities may be deemed to be underwriters under the Securities Act of 1933, as amended, or the Securities Act, and any discounts or commissions received by them and any profit on the resale of the securities received by them may be deemed to be underwriting discounts and commissions under the Securities Act. Anyone deemed to be an underwriter under the Securities Act may be subject to statutory liabilities, including Sections 11, 12 and 17 of the Securities Act and Rule 10b-5 under the Exchange Act.

Indemnification and Other Relationships. We may provide agents and underwriters with indemnification against certain civil liabilities, including liabilities under the Securities Act, or contribution with respect to payments that the agents or underwriters may make with respect to such liabilities. Agents and underwriters may engage in transactions with, or perform services for, us in the ordinary course of business.

Listing of Securities. Except as indicated in the applicable prospectus supplement, the securities are not expected to be listed on a securities exchange or market, except for the common stock, which is listed on the Nasdaq Global Market, and any underwriters or dealers will not be obligated to make a market in securities. We cannot predict the activity or liquidity or any trading in the securities.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and special reports, proxy statements and other information with the SEC. You may read and copy any document we file at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the Public Reference Room. Our SEC filings are also available to the public from the SEC's website at <http://www.sec.gov>.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to incorporate by reference the information we file with them, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus, and the information that we file later with the SEC will automatically update and supersede this information. We incorporate by reference the documents listed below and any future filings we will make with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act prior to the time that all securities covered by this prospectus have been sold; provided, however, that we are not incorporating any information furnished under any of Item 2.02 or Item 7.01 of any current report on Form 8-K:

Our annual report on Form 10-K for the year ended December 31, 2006;

Our Amendment No. 1 to our annual report on Form 10-K for the year ended December 31, 2006;

Our Definitive Proxy Statement on Schedule 14A filed with the SEC on April 30, 2007;

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Our current report on Form 8-K filed with the SEC on February 23, 2007; and

The description of our common stock set forth in Amendment No. 1 to our Registration Statement on Form SB-2 (Registration No. 333-5276-LA), including any amendment or report filed for the purpose of updating such description, as incorporated by reference in our Registration Statement on Form 8-A (Registration No. 0-21221).

You may request a copy of these filings, at no cost, by writing or telephoning us at the following address:

Microvision, Inc.

6222 185th Avenue NE

Redmond, Washington 98052

Attention: Investor Relations

(425) 936-6847

This prospectus is part of a registration statement that we have filed with the SEC. You should rely only on the information or representations provided in this prospectus. We have not authorized anyone to provide you with different information. We are not making an offer of these securities in any state where the offer is not permitted. You should not assume that the information in this prospectus is accurate as of any date other than the date on the front of the document.

LEGAL OPINION

For the purpose of this offering, Ropes & Gray LLP, Boston, Massachusetts, is giving its opinion on the validity of the securities offered hereby.

EXPERTS

The consolidated financial statements and management's assessment of the effectiveness of internal control over financial reporting (which is included in Management's Report on Internal Control over Financial Reporting) of Microvision, Inc. incorporated in this prospectus by reference to Microvision, Inc.'s Annual Report on Form 10-K for the year ended December 31, 2006 have been so incorporated in reliance on the report of PricewaterhouseCoopers LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

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PROSPECTUS

\$35,000,000

MICROVISION, INC.

Common Stock

Preferred Stock

Warrants

We may sell from time to time up to \$35,000,000 of our common stock, preferred stock, or warrants in one or more transactions.

We will provide specific terms of these securities and offerings in supplements to this prospectus. You should read this prospectus and any supplement carefully before you invest.

Our common stock is traded on the Nasdaq Global Market under the symbol **MVIS**. On January 8, 2009, the closing price of our common stock on the Nasdaq Global Market was \$1.76 per share.

The securities offered in this prospectus involve a high degree of risk. See Risk Factors on page 2.

Our executive offices are located at 6222 185th Avenue NE, Redmond, Washington 98052, and our telephone number is (425) 936-6847.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is January 9, 2009.

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FORWARD-LOOKING STATEMENTS

This prospectus and the documents incorporated by reference in this prospectus contain forward-looking statements, within the meaning of Section 27A of the Securities Act of 1933, as amended, or the Securities Act, and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act, with respect to our financial condition, results of operations, business, and prospects. Words such as anticipates, expects, intends, plans, believes, seeks, estimates, may, will, and similar expressions identify forward-looking statements. Although that our plans, intentions and expectations reflected in these forward-looking statements are reasonable, we cannot be certain that these plans, intentions or expectations will be achieved. Actual results, performance or achievements could differ materially from those contemplated, expressed or implied by the forward-looking statements contained or incorporated by reference in this prospectus.

Forward-looking statements include, but are not limited to, those relating to the general direction of our business, including our scanned beam display and image capture businesses; the ability of our scanned beam display technology or products incorporating this technology to achieve market acceptance; our ability to obtain financing; market acceptance of our technologies and products; our financial and technical resources relative to those of our competitors; our ability to keep up with rapid technological change; government regulation of our technologies; our ability to enforce our intellectual property rights and protect our proprietary technologies; the ability to obtain additional contract awards and to develop partnership opportunities; the timing of commercial product launches; and the ability to achieve key technical milestones in key products.

These forward-looking statements are not guarantees of future performance. There are important factors that could cause our actual results, performance or achievements to differ materially from those contemplated, expressed or implied by such forward-looking statements, including those factors discussed in Risk Factors below.

2009-1

Table of Contents**RISK FACTORS**

You should carefully consider the specific risks set forth under the caption "Risk Factors" in our most recent annual report on Form 10-K, as amended or supplemented, which is incorporated by reference in this prospectus, as the same may be amended, supplemented or superseded by our subsequent quarterly reports or other filings, including filings after the date hereof, with the Securities and Exchange Commission under the Exchange Act. The risks and uncertainties we describe are not the only ones facing us. Additional risks not presently known to us or that we currently deem immaterial may also impair our business operations. If any of these risks were to occur, our business, financial condition or results of operations would likely suffer. In that event, the trading price of our common stock could decline, and you could lose all or part of your investment.

THE COMPANY

Microvision Inc. is a leader in the development of high-resolution displays and imaging systems based on silicon micro-mirror technology. The Company's technology has applications in a broad range of consumer, medical, industrial, professional and military products.

USE OF PROCEEDS

Unless otherwise indicated in the applicable prospectus supplement, we anticipate that the net proceeds from the sale of the securities offered under this prospectus will be used for general corporate purposes, which may include, but are not limited to, working capital, capital expenditures, and acquisitions of other technologies. The prospectus supplement relating to specific sales of our securities hereunder will set forth our intended use for the net proceeds we receive from the sales. Pending the application of the net proceeds, we expect to invest the proceeds in investment-grade, interest-bearing instruments or other securities.

RATIO OF COMBINED FIXED CHARGES AND PREFERENCE DIVIDENDS TO EARNINGS

As we have incurred losses in each of the periods presented below, our earnings were inadequate to cover fixed charges and preference dividends, if any, by the following amounts (in thousands):

| | Fiscal Year Ended December 31, | | | | |
|---|---------------------------------------|-------------|-------------|-------------|-------------|
| | 2003 | 2004 | 2005 | 2006 | 2007 |
| Additional earnings required to cover fixed charges | \$ 33,288 | \$ 33,924 | \$ 27,641 | \$ 32,432 | \$ 26,393 |

Our deficiency of combined fixed charges and preference dividends to earnings for each of the periods referred to above has been computed on a consolidated basis and should be read in conjunction with the consolidated financial statements, including the notes thereto, and other information set forth in the reports filed by us with the SEC. Please refer to Exhibit 12 filed with the registration statement of which this prospectus constitutes a part for additional information regarding the ratio of earnings to cover fixed charges and preference dividends, if any.

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DESCRIPTION OF CAPITAL STOCK

Our Certificate of Incorporation authorizes us to issue 125,000,000 shares of common stock, \$.001 par value per share, and 25,000,000 shares of preferred stock, \$.001 par value per share. As of December 18, 2008, there were 68,080,000 shares of common stock, and no shares of preferred stock, outstanding.

Common Stock. All outstanding common stock is, and any stock issued under this prospectus will be, fully paid and nonassessable. Subject to the rights of the holders of our outstanding preferred stock, holders of common stock:

are entitled to any dividends validly declared;

will share ratably in our net assets in the event of a liquidation; and

are entitled to one vote per share.

The common stock has no conversion rights. Holders of common stock have no preemption, subscription, redemption, or call rights related to those shares.

American Stock Transfer & Trust Company is the transfer agent and registrar for our common stock.

Preferred Stock. The Board of Directors has the authority, without further action by the shareholders, to issue shares of preferred stock in one or more series and to fix the rights, preferences, privileges and restrictions thereof, including dividend rights, conversion rights, voting rights, terms of redemption, liquidation preferences, sinking fund terms and the number of shares constituting any series or the designation of such series, without any further vote or action by the shareholders. The issuance of preferred stock could adversely affect the voting power of holders of our common stock and the likelihood that such holders will receive dividend payments and payments upon liquidation may have the effect of delaying, deferring or preventing a change in control of Microvision, which could depress the market price of our common stock. We currently have no shares of preferred stock outstanding. If we offer preferred stock, the terms of that series of preferred stock will be set forth in the prospectus supplement relating to that series.

DESCRIPTION OF WARRANTS

We may issue warrants for the purchase of common stock, preferred stock, warrants or units of any combination of the foregoing securities. Each series of warrants will be issued under a warrant agreement all as set forth in the prospectus supplement or term sheet relating to the warrants offered hereby. A copy of the form of warrant agreement, including any form of warrant certificates representing the warrants, reflecting the provisions to be included in the warrant agreements and/or warrant certificates that will be entered into with respect to particular offerings of warrants, will be filed as an exhibit to a Form 8-K to be incorporated into the registration statement of which this prospectus constitutes a part prior to the issuance of any warrants.

The applicable prospectus supplement or term sheet will describe the terms of the warrants offered thereby, any warrant agreement relating to such warrants and the warrant certificates, including but not limited to the following:

the offering price or prices;

the aggregate amount of securities that may be purchased upon exercise of such warrants and minimum number of warrants that are exercisable;

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the number of securities, if any, with which such warrants are being offered and the number of such warrants being offered with each security;

the date on and after which such warrants and the related securities, if any, will be transferable separately;

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the amount of securities purchasable upon exercise of each warrant and the price at which the securities may be purchased upon such exercise, and events or conditions under which the amount of securities may be subject to adjustment;

the date on which the right to exercise such warrants shall commence and the date on which such right shall expire;

the circumstances, if any, which will cause the warrants to be deemed to be automatically exercised;

any material risk factors, if any, relating to such warrants;

the identity of any warrant agent; and

any other terms of such warrants (which shall not be inconsistent with the provisions of the warrant agreement).

Prior to the exercise of any warrants, holders of such warrants will not have any rights of holders of the securities purchasable upon such exercise, including the right to receive payments of dividends, if any, on the securities purchasable upon such exercise, statutory appraisal rights or the right to vote such underlying securities.

Prospective purchasers of warrants should be aware that material U.S. federal income tax, accounting and other considerations may be applicable to instruments such as warrants.

PLAN OF DISTRIBUTION

General. We may sell the securities offered hereby directly to one or more purchasers, through agents, or through underwriters or dealers designated from time to time. The distribution of securities may be effected from time to time in one or more transactions at a fixed price or prices (which may be changed from time to time), at market prices prevailing at the times of sale, at prices related to these prevailing market prices or at negotiated prices. The applicable prospectus supplement will describe the terms of the offering of the securities, including

the terms of the securities to which such prospectus supplement relates;

the name or names of any underwriters, if any;

the purchase price of the securities and the proceeds we will receive from the sale;

any underwriting discounts and other items constituting underwriters' compensation; and

any discounts or concessions allowed or reallocated or paid to dealers.

Underwriters named in the prospectus supplement, if any, are only underwriters of the securities offered with the prospectus supplement.

Sales Directly to Purchasers. We may enter into agreements directly with one or more purchasers. Such agreements may provide for the sale of securities at a fixed price, based on the market price of the securities or otherwise.

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Use of Underwriters and Agents. If underwriters are used in the sale of securities, they will acquire the securities for their own account and may resell them from time to time in one or more transactions at a fixed public offering price or at varying prices determined at the time of sale. The securities may be offered to the public through underwriting syndicates represented by managing underwriters or by underwriters without a syndicate. Subject to certain conditions, the underwriters will be obligated to purchase all the securities offered by the prospectus supplement. Any public offering price and any discounts or concessions allowed or reallocated or paid to dealers may change from time to time.

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Securities may be sold directly to or through agents from time to time. Any agent involved in the offering and sale of securities will be named and any commissions paid to the agent will be described in the prospectus supplement. Unless the prospectus supplement states otherwise, any agent will act on a best-efforts basis for the period of its appointment. Agents or underwriters may be authorized to solicit offers by certain types of institutional investors to purchase securities at the public offering price set forth in the prospectus supplement pursuant to delayed delivery contracts providing for payment and delivery on a specified date in the future. The conditions to these contracts and the commissions paid for solicitation of these contracts will be described in the prospectus supplement.

Deemed Underwriters. In connection with the sale of the securities offered with this prospectus, underwriters, dealers or agents may receive compensation from us or from purchasers of the securities for whom they may act as agents, in the form of discounts, concessions or commissions. The underwriters, dealers or agents which participate in the distribution of the securities may be deemed to be underwriters under the Securities Act of 1933, as amended, or the Securities Act, and any discounts or commissions received by them and any profit on the resale of the securities received by them may be deemed to be underwriting discounts and commissions under the Securities Act. Anyone deemed to be an underwriter under the Securities Act may be subject to statutory liabilities, including Sections 11, 12 and 17 of the Securities Act and Rule 10b-5 under the Exchange Act.

Indemnification and Other Relationships. We may provide agents and underwriters with indemnification against certain civil liabilities, including liabilities under the Securities Act, or contribution with respect to payments that the agents or underwriters may make with respect to such liabilities. Agents and underwriters may engage in transactions with, or perform services for, us in the ordinary course of business.

Listing of Securities. Except as indicated in the applicable prospectus supplement, the securities are not expected to be listed on a securities exchange or market, except for the common stock, which is listed on the Nasdaq Global Market, and any underwriters or dealers will not be obligated to make a market in securities. We cannot predict the activity or liquidity or any trading in the securities.

WHERE YOU CAN FIND MORE INFORMATION

We file annual, quarterly and special reports, proxy statements and other information with the SEC. You may read and copy any document we file at the SEC's Public Reference Room at 100 F Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information on the Public Reference Room. Our SEC filings are also available to the public from the SEC's website at <http://www.sec.gov>.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to incorporate by reference the information we file with them, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus, and the information that we file later with the SEC will automatically update and supersede this information. We incorporate by reference the documents listed below and any future filings we will make with the SEC under Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act prior to the time that all securities covered by this prospectus have been sold; provided, however, that we are not incorporating any information furnished under any of Item 2.02 or Item 7.01 of any current report on Form 8-K:

Our annual report on Form 10-K for the year ended December 31, 2007, as amended by Amendment No. 1 thereto on Form 10-K/A filed on April 4, 2008;

Our quarterly reports on Form 10-Q filed with the SEC on May 9, 2008, August 7, 2008 and November 7, 2008;

Our current reports on Form 8-K filed with the SEC on July 18, 2008;

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Any other filings we make pursuant to the Exchange Act after the filing date of the initial registration statement and prior to effectiveness of the registration statement; and

The description of our common stock set forth in Amendment No. 1 to our Registration Statement on Form SB-2 (Registration No. 333-5276-LA), including any amendment or report filed for the purpose of updating such description, as incorporated by reference in our Registration Statement on Form 8-A (Registration No. 0-21221).

You may request a copy of these filings, at no cost, by writing or telephoning us at the following address:

Microvision, Inc.

6222 185th Avenue NE

Redmond, Washington 98052

Attention: Investor Relations

(425) 936-6847

This prospectus is part of a registration statement that we have filed with the SEC. You should rely only on the information or representations provided in this prospectus. We have not authorized anyone to provide you with different information. We are not making an offer of these securities in any state where the offer is not permitted. You should not assume that the information in this prospectus is accurate as of any date other than the date on the front of the document.

LEGAL OPINION

For the purpose of this offering, Ropes & Gray LLP, Boston, Massachusetts, is giving its opinion on the validity of the securities offered hereby.

EXPERTS

The financial statements of the Company and management's assessment of the effectiveness of internal control over financial reporting (which is included in Management's Report on Internal Control over Financial Reporting) incorporated in this prospectus by reference to the Annual Report on Form 10-K for the year ended December 31, 2007, as amended by Amendment No. 1 thereto on Form 10-K/A filed on April 4, 2008, have been so incorporated in reliance on the report of PricewaterhouseCoopers LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

The financial statements of Lumera Corporation incorporated in this prospectus by reference to Microvision, Inc.'s Annual Report on Form 10-K/A (Amendment No. 1 to Form 10-K) for the year ended December 31, 2007 have been so incorporated in reliance on the report of PricewaterhouseCoopers LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

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Shares
MICROVISION, INC.
Common Stock

PROSPECTUS

November , 2009

Oppenheimer & Co.

Thomas Weisel Partners LLC
Craig-Hallum Capital Group