

**PROSPECTUS SUPPLEMENT NO. 3**  
**(To Prospectus dated September 9, 2010)**

**17,771,901 Shares**



**MICROVISION, INC.**

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This Prospectus Supplement No. 3 supplements the prospectus dated September 9, 2010, as supplemented to date (as supplemented to date, the "Prospectus"), which forms a part of our Registration Statement on Form S-1 (Registration Statement No. 333-168906). The Prospectus and this prospectus supplement relate to the disposition from time to time of up to 17,771,901 shares of our common stock, which are held or may be held by the selling stockholder named in the Prospectus. We are not selling any common stock under this prospectus and will not receive any of the proceeds from the sale of shares by the selling stockholder.

This prospectus supplement should be read in conjunction with the Prospectus, which is to be delivered with this prospectus supplement. This prospectus supplement updates, amends and supplements the information included or incorporated by reference in the Prospectus. If there is any inconsistency between the information in the Prospectus and this prospectus supplement, you should rely on the information in this prospectus supplement.

This prospectus supplement is not complete without, and may not be delivered or utilized except in connection with, the Prospectus, including any amendments or supplements to it.

**Current Report on Form 8-K**

On December 20, 2010, we filed a Current Report on Form 8-K with the Securities and Exchange Commission. The text of such Form 8-K is attached hereto.

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**Investing in our common stock involves a high degree of risk. Please see the sections entitled "Risk Factors" beginning on page 3 of the Prospectus and "Part II — Item 1A Risk Factors" in our Quarterly Report on Form 10-Q for the quarter ended September 30, 2010.**

**Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities, or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.**

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The date of this prospectus supplement is December 20, 2010.

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

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**FORM 8-K**

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**CURRENT REPORT**

**Pursuant to Section 13 or 15(d) of  
the Securities Exchange Act of 1934**

**Date of Report (Date of earliest event reported): December 17, 2010**

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**MICROVISION, INC.**

(Exact Name of Registrant as Specified in Charter)

**Delaware**  
(State or Other Jurisdiction  
of Incorporation)

**001-34170**  
(Commission  
File Number)

**91-1600822**  
(IRS Employer  
Identification No.)

**6222 185<sup>th</sup> Avenue NE**  
**Redmond, Washington 98052**  
(Address of Principal Executive Offices) (Zip Code)

**Registrant's telephone number, including area code: (425) 936-6847**

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

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**Item 8.01. Other Events.**

On December 17, 2010, Microvision, Inc. ("Microvision") issued 5,438,476 shares of its common stock at a per share purchase price of approximately \$1.57 and an aggregate purchase price of \$8,543,242 to Azimuth Opportunity, Ltd. ("Azimuth") pursuant to the previously announced common stock purchase agreement between Microvision and Azimuth. An aggregate of 5,078,591 shares of common stock remain available to be issued under the facility, subject to its terms.

