

PROSPECTUS SUPPLEMENT
(To Prospectus dated November 13, 2018)



MicroVision, Inc.

2,000,000 Shares of Common Stock

We are offering directly to an investor 2,000,000 shares of our common stock at a price per share of \$0.60.

Our common stock is traded on The Nasdaq Global Market under the symbol "MVIS." On December 28, 2018, the closing price of our common stock on The Nasdaq Global Market was \$0.63 per share.

Investing in our securities involves a high degree of risk. You should carefully consider the information under the heading "[Risk Factors](#)" set forth on page S-4 of this prospectus supplement, on page 1 of the accompanying prospectus, as well as in our periodic reports filed with the Securities and Exchange Commission and incorporated by reference herein, in determining whether to purchase our securities.

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

The date of this prospectus supplement is December 31, 2018.

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ABOUT THIS PROSPECTUS SUPPLEMENT

This prospectus supplement is not complete without, and may not be utilized except in connection with, the accompanying prospectus dated November 13, 2018, and any amendments to such prospectus. This prospectus supplement provides supplemental information regarding the Company, updates and changes information contained in the accompanying prospectus and describes the specific terms of this offering. The accompanying prospectus gives 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 prospectus. You may obtain the information incorporated by reference into this prospectus supplement and the accompanying prospectus without charge by following the instructions under “Incorporation of Certain Information by Reference” in this prospectus supplement and “Where You Can Find More Information” in the accompanying prospectus. You should carefully read both this prospectus supplement and the accompanying prospectus, as well as additional information described under “Incorporation of Certain Information 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 prospectus 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.

In making your investment decision, you should rely only on the information contained or incorporated by reference in this prospectus supplement, the accompanying prospectus and any free writing prospectus filed by us with the U.S. Securities and Exchange Commission (“SEC”) and any other offering material we may provide. We have not authorized anyone to provide you with different or additional information. If anyone provides you with different or additional information, you should not rely on it. We are not making an offer to sell these securities under any circumstance or in any jurisdiction where the offer is not permitted or unlawful. You should assume that the information contained in this prospectus supplement and the accompanying prospectus is accurate only as of their respective dates, and that any information in documents that we have incorporated by reference is accurate only as of the date of the document incorporated by reference. Our business, financial condition, results of operations, cash flows and prospects may have changed since those dates.

PROSPECTUS SUPPLEMENT SUMMARY

The following summary is qualified in its entirety by, and should be read together with, the more detailed information and our consolidated financial statements and related notes thereto appearing elsewhere or incorporated by reference in this prospectus supplement and the accompanying prospectus. Before you decide to invest in our securities, you should read the entire prospectus supplement and the accompanying prospectus carefully, including the risk factors and the financial statements and related notes included or incorporated by reference in this prospectus supplement and the accompanying prospectus.

Our Company

Overview

MicroVision, Inc. is a pioneer in laser beam scanning (LBS) technology that we market under our brand name PicoP®. We have developed our proprietary PicoP® scanning technology that can be adopted by our customers to create high-resolution miniature projection and three-dimensional sensing and image capture solutions. PicoP® scanning technology is based on our patented expertise in micro-electrical mechanical systems (MEMS), laser diodes, opto-mechanics, and electronics and how those elements are packaged into a small form factor, low power scanning engine that can display, interact and sense, depending on the needs of the application. For display, the engine can project a high-quality image on any surface for use in pico projection and augmented or virtual reality. For sensing, we use infrared (IR) lasers to capture three-dimensional data in the form of a point cloud. Interactivity uses the 3D sensing function and the display function to project an image that the user could then interact with as one would a touch screen.

Our strategy includes selling LBS engines to original design manufacturers (ODMs) and original equipment manufacturers (OEMs). We plan to offer three scanning engines to support a wide array of applications: a small form factor display engine for consumer products, an interactive scanning engine for smart Internet of Things (IoT) products, and a light detection and ranging (LiDAR) engine for consumer electronic applications. We also are developing LiDAR for automotive collision avoidance systems.

In addition to selling modules, we have licensed our patented PicoP® scanning technology to other companies for incorporation into their scanning engines for projection. We sell our licensees key components needed to produce their laser scanning engines and/or license our technology in exchange for a royalty fee for each scanning engine they sell. Companies to whom we license our PicoP® scanning technology are typically ODMs or OEMs who are in the business of making components or products ready for sale to end users. To date, we have primarily focused on the consumer electronics market, however, we believe that our LBS technology creates a platform that could support multiple applications and markets including medical, industrial and automotive.

While we are optimistic about our technology and the potential for future revenues, we have incurred substantial losses since inception and we expect to incur a significant loss during the fiscal year ending December 31, 2018.

Corporate Information

We were 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 6244 185th Ave NE, Suite 100, 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 or the accompanying prospectus and you should not consider it part of this prospectus supplement or the accompanying prospectus.

The Offering

The following summary contains basic information about this offering. The summary is not intended to be complete. You should read the full text and more specific details contained elsewhere in this prospectus supplement.

Common stock offered by us 2,000,000 shares.

Common stock to be outstanding immediately after this offering (1) 102,104,593 shares.

Nasdaq Global Market symbol MVIS

Use of proceeds We intend to use the net proceeds from the sale of common stock offered by this prospectus supplement for general corporate purposes, which may include, but are not limited to, working capital and capital expenditures. See "Use of Proceeds."

Risk factors Investing in our common stock involves a high degree of risk. See "Risk Factors."

(1) The number of shares of common stock to be outstanding after this offering is based on 100,104,593 shares outstanding as of November 30, 2018, after giving effect to the sale of 7,000,000 shares of the Company's common stock in an underwritten public offering in December 2018, and excludes, as of November 30, 2018, the following:

- 5,509,453 shares of our common stock issuable upon exercise of outstanding options, of which approximately 3,091,348 were exercisable at a weighted average exercise price of \$3.14 per share, under our 2013 Incentive Plan, as amended, or the Incentive Plan;
- 1,148,750 shares of our common stock underlying unvested stock awards;
- 1,973,000 shares of our common stock issuable upon exercise of outstanding warrants, all of which were exercisable at a weighted average exercise price of \$2.47 per share;
- 2,128,439 shares of our common stock reserved for issuance pursuant to the Incentive Plan; and
- 1,050,000 shares of our common stock issuable upon exercise of the over-allotment option granted to the underwriters in connection with our underwritten public offering in December 2018.

NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus supplement and the accompanying prospectus and the documents incorporated by reference herein and therein 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, and is subject to the safe harbor created by those sections. Such statements may include, but are not limited to, projections of revenues, income or loss, capital expenditures, plans for product development and cooperative arrangements, future operations, financing needs or plans of MicroVision, as well as assumptions relating to the foregoing. The words “anticipate,” “believe,” “estimate,” “expect,” “goal,” “may,” “plan,” “project,” “will,” and similar expressions identify forward-looking statements, which speak only as of the date the statement was made.

These forward-looking statements are not guarantees of future performance. Factors that could cause actual results to differ materially from those projected in our forward-looking statements include the following: our ability to raise additional capital when needed; market acceptance of our technologies and products, and for products incorporating our technologies; the failure of our commercial partners to perform as expected under our agreements; our ability to identify parties interested in paying any amounts or amounts we deem desirable for the purchase or license of intellectual property assets; our or our customers’ failure to perform under open purchase orders; 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 delays in product development; the ability to achieve key technical milestones in key products; dependence on third parties to develop, manufacture, sell and market our products; potential product liability claims; and other factors set forth in the section entitled “Risk Factors” below, and in the documents incorporated by reference into this prospectus supplement and the accompanying prospectus. 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 or incorporated into this prospectus supplement and the accompanying prospectus 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 prospectus. 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.

RISK FACTORS

An investment in our securities involves a high degree of risk. You should carefully consider all of the information in this prospectus supplement and the accompanying prospectus, including the risks and uncertainties described below, and all other information included or incorporated by reference in this prospectus supplement and the accompanying prospectus, before you decide whether to purchase our securities. 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.

Risks Related to Our Common Stock and this Offering

We have broad discretion in the use of the net proceeds from this offering and may not use them effectively.

Our management will have broad discretion in the application of the net proceeds from this offering and could spend the proceeds in ways that do not necessarily improve our results of operations or enhance the value of our common stock. Our failure to apply these funds effectively could have a material adverse effect on our business, financial condition, operating results and cash flow, and could cause the price of our common stock to decline.

If you purchase the common stock sold in this offering, you will experience immediate and substantial dilution in your investment. You will experience further dilution if we issue additional equity securities in future fundraising transactions.

Since the price per share of our common stock being offered is substantially higher than the net tangible book value per share of our common stock, you will suffer substantial dilution with respect to the net tangible book value of the common stock you purchase in this offering. Based on the public offering price of \$0.60 per share and our net tangible book value as of September 30, 2018, if you purchase shares of common stock in this offering, you will suffer immediate and substantial dilution of \$0.47 per share with respect to the net tangible book value of the common stock. See the section entitled “Dilution” elsewhere in this prospectus supplement for a more detailed discussion of the dilution you will incur if you purchase common stock in this offering.

If we issue additional common stock, or securities convertible into or exchangeable or exercisable for common stock, our stockholders, including any investor who purchases shares of common stock in this offering, could experience additional dilution, and any such issuances may result in downward pressure on the price of our common stock.

Future sales of shares by existing stockholders could cause our stock price to decline.

Sales of a substantial number of shares of our common stock in the public market could occur at any time. These sales, or the perception in the market that the holders of a large number of shares of common stock intend to sell shares, could reduce the market price of our common stock.

As of November 30, 2018, we had outstanding options to purchase an aggregate of 5,509,453 shares of our common stock, of which approximately 3,091,348 were exercisable at a weighted average exercise price of \$3.14 per share, and outstanding warrants to purchase an aggregate of 1,973,000 shares of our common stock, all of which are exercisable at a weighted average exercise price of \$2.47 per share. The exercise of such outstanding options and warrants will result in further dilution of your investment. If our existing stockholders sell substantial amounts of our common stock in the public market, or if the public perceives that such sales could occur, this could have an adverse impact on the market price of our common stock, even if there is no relationship between such sales and the performance of our business.

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We do not currently intend to pay dividends on our common stock, and any return to investors is expected to come, if at all, only from potential increases in the price of our common stock.

At the present time, we intend to use available funds to finance our operations. Accordingly, while payment of dividends rests within the discretion of our board of directors, no cash dividends on our common shares have been declared or paid by us and we have no intention of paying any such dividends in the foreseeable future. Any return to investors is expected to come, if at all, only from potential increases in the price of our common stock.

USE OF PROCEEDS

We anticipate that the net proceeds from the sale of the securities offered under this prospectus supplement will be used for general corporate purposes, which may include, but are not limited to, working capital and capital expenditures. Pending the application of the net proceeds, we expect to invest the proceeds in investment-grade, interest-bearing instruments or other securities.

DESCRIPTION OF SECURITIES WE ARE OFFERING

We are offering 2,000,000 shares of our common stock. The material terms and provisions of our common stock are described under the caption "Description of Capital Stock" starting on page 2 of the accompanying prospectus.

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 our 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, 2018 was approximately \$11.5 million, or \$0.12 per share of common stock. After giving effect to the sale of 2,000,000 shares of common stock, and our receipt of the expected net proceeds from the sale of those shares, our adjusted net tangible book value at September 30, 2018 would be approximately \$12.7 million, or \$0.13 per share. This represents an immediate increase in as-adjusted net tangible book value of \$0.01 per share to existing shareholders and an immediate and substantial dilution of \$0.47 per share to the investor in this offering. The following table illustrates this per share dilution:

Public offering price per share	\$0.60
Net tangible book value per share at September 30, 2018	\$0.12
Increase in net tangible book value per share attributable to this offering	\$0.01
As-adjusted net tangible book value per share as of September 30, 2018, after giving effect to this offering	\$0.13
Dilution per share to the investor in this offering	\$0.47

The table and discussion above are based on 93,073,343 shares of our common stock outstanding as of September 30, 2018 and excludes, as of that date, the following:

- 5,613,695 shares of our common stock issuable upon exercise of outstanding options, of which approximately 3,100,427 were exercisable at a weighted average exercise price of \$3.16 per share, under our 2013 Incentive Plan, as amended, or the Incentive Plan;
- 1,180,000 shares of our common stock underlying unvested stock awards;
- 1,973,000 shares of our common stock issuable upon exercise of outstanding warrants, all of which were exercisable at a weighted average exercise price of \$2.47 per share;
- 2,024,197 shares of our common stock reserved for issuance pursuant to the Incentive Plan; and
- 7,000,000 shares of our common stock sold in an underwritten public offering that closed on December 11, 2018 and an additional 1,050,000 shares of our common stock issuable upon exercise of the over-allotment option granted to the underwriters in connection with such offering.

To the extent that any of the outstanding warrants or options are exercised, there will be further dilution to the investor in this offering. In addition, we may choose to raise additional capital due to market conditions or strategic considerations even if we believe we have sufficient funds for our current or future operating plans. To the extent that additional capital is raised through the sale of equity securities, the issuance of these securities could result in further dilution to our stockholders.

PLAN OF DISTRIBUTION

We have agreed to sell directly to the investor all of the shares of common stock offered by this prospectus supplement. No underwriters or agents were engaged by us for this transaction. We have entered into a subscription agreement directly with the investor in connection with this offering. The subscription agreement contains customary representations, warranties and covenants for transactions of this type. These representations, warranties and covenants were made solely for purposes of the subscription agreement and should not be relied upon by any of our investors who are not parties to the agreement, nor should any such investor rely upon any descriptions thereof as characterizations of the actual state of facts or condition. Such investors are not third party beneficiaries under the subscription agreement.

The purchase and sales under the subscription agreement is registered pursuant to our shelf registration statement on Form S-3 File Number 333- 228113 and as to which this prospectus supplement relates.

LEGAL MATTERS

The validity of the common stock being offered hereby will be passed upon by Ropes & Gray LLP, Boston, Massachusetts.

EXPERTS

Our consolidated financial statements appearing in our Annual Report on Form 10-K for the year ended December 31, 2017, and the effectiveness of our internal control over financial reporting as of December 31, 2017, have been audited by Moss Adams LLP, an independent registered public accounting firm, as stated in their report, which is incorporated herein by reference. Such consolidated financial statements have been so incorporated in reliance upon the report of such firm (which report expresses an unqualified opinion and includes an explanatory paragraph regarding a going concern emphasis) given upon their authority as experts in accounting and auditing.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

We file annual, quarterly and special reports, proxy statements and other information with the Securities and Exchange Commission, or the SEC. These documents are on file with the SEC. Our SEC filings are also available to the public from the SEC's website at www.sec.gov.

This prospectus supplement and the accompanying prospectus are part of a registration statement on Form S-3, including amendments, relating to the common stock offered by this prospectus supplement and the accompanying prospectus, which have been filed with the SEC. This prospectus supplement and the accompanying prospectus do not contain all of the information set forth in the registration statement 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 prospectus 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 statement. For further information about us and the common stock offered by this prospectus supplement and the accompanying prospectus we refer you to the registration statement 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

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information incorporated by reference is considered to be part of this prospectus supplement and the accompanying prospectus. Information in the accompanying prospectus supersedes information incorporated by reference that we filed with the SEC before the date of the prospectus, 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 the information in this prospectus supplement and the accompanying prospectus or incorporated by reference. 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 supplement 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 fiscal year ended December 31, 2017 filed with the SEC on February 23, 2018;
- Our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2018, June 30, 2018 and September 30, 2018 filed with the SEC on May 10, 2018, August 1, 2018 and October 26, 2018, respectively;
- Our Definitive Proxy Statement on Schedule 14A filed with the SEC on April 20, 2018, as amended and supplemented by the additional definitive proxy soliciting materials on Schedule 14A filed with the SEC on April 20, 2018 and May 18, 2018;
- Our Current Reports on Form 8-K filed with the SEC on May 16, 2018, June 7, 2018, December 10, 2018, December 19, 2018 and December 31, 2018; 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).

We will promptly provide, without charge to each person (including any beneficial owners) who receives a copy of this prospectus, upon written or oral request, a copy of any or all of the documents incorporated by reference in this prospectus supplement. Requests should be directed to:

MicroVision, Inc.
6244 185th Avenue NE, Suite 100
Redmond, Washington 98052
Attention: Investor Relations
(425) 936-6847

You can also find these filings on our website at www.microvision.com. We are not incorporating the information on our website other than these filings into this prospectus supplement.

PROSPECTUS

\$60,000,000

MicroVision, Inc.

**Common Stock
Preferred Stock
Warrants**

We may sell from time to time up to \$60,000,000 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 November 9, 2018, the closing price of our common stock on The Nasdaq Global Market was \$1.02 per share.

The securities offered in this prospectus involve a high degree of risk. You should carefully consider the information under the heading "[Risk Factors](#)" set forth herein on page 1 and in our filings made with the Securities and Exchange Commission, which are incorporated by reference in this prospectus, in determining whether to purchase our securities.

Our executive offices are located at 6244 185th Avenue NE, Suite 100, 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 November 13, 2018.

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NOTE REGARDING 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, and is subject to the safe harbor created by those sections. Such statements may include, but are not limited to, projections of revenues, income or loss, capital expenditures, plans for product development and cooperative arrangements, future operations, financing needs or plans of MicroVision, as well as assumptions relating to the foregoing. The words “anticipate,” “believe,” “estimate,” “expect,” “goal,” “may,” “plan,” “project,” “will,” and similar expressions identify forward-looking statements, which speak only as of the date the statement was made.

These forward-looking statements are not guarantees of future performance. Factors that could cause actual results to differ materially from those projected in our forward-looking statements include the following: our ability to raise additional capital when needed; market acceptance of our technologies and products, and for products incorporating our technologies; the failure of our commercial partners to perform as expected under our agreements; our ability to identify parties interested in paying any amounts or amounts we deem desirable for the purchase or license of intellectual property assets; our or our customers’ failure to perform under open purchase orders; 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 delays in product development; the ability to achieve key technical milestones in key products; dependence on third parties to develop, manufacture, sell and market our products; potential product liability claims; and other factors set forth in the section entitled “Risk Factors” below, and in the documents incorporated by reference into this prospectus. 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 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. 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.

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 and quarterly report on Form 10-Q, each as amended or supplemented, which are incorporated by reference in this prospectus, as the same may be amended, supplemented or superseded by our subsequent quarterly or annual 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 pioneer in laser beam scanning (LBS) technology that we market under our brand name PicoP[®]. We have developed our proprietary PicoP[®] scanning technology that can be adopted by our customers to create high-resolution miniature projection and three-dimensional sensing and image capture solutions. PicoP[®] scanning technology is based on our patented expertise in micro-electrical mechanical systems (MEMS), laser diodes, opto-mechanics, and electronics and how those elements are packaged into a small form factor, low power scanning engine that can display, interact and sense, depending on the needs of the application. For display, the engine can project a high-quality image on any surface for use in pico projection and augmented or virtual reality. For sensing, we use infrared (IR) lasers to capture three-dimensional data in the form of a point cloud. Interactivity uses the 3D sensing function and the display function to project an image that the user could then interact with as one would a touch screen.

Our strategy includes selling LBS engines to original design manufacturers (ODMs) and original equipment manufacturers (OEMs). We plan to offer three scanning engines to support a wide array of applications: a small form factor display engine for consumer products, an interactive scanning engine for smart Internet of Things (IoT) products, and a light detection and ranging (LiDAR) engine for consumer electronic applications. We also are developing LiDAR for automotive collision avoidance systems.

In addition to selling modules, we have licensed our patented PicoP[®] scanning technology to other companies for incorporation into their scanning engines for projection. We sell our licensees key components needed to produce their laser scanning engines and/or license our technology in exchange for a royalty fee for each scanning engine they sell. Companies to whom we license our PicoP[®] scanning technology are typically ODMs or OEMs who are in the business of making components or products ready for sale to end users. To date, we have primarily focused on the consumer electronics market, however, we believe that our LBS technology creates a platform that could support multiple applications and markets including medical, industrial and automotive.

While we are optimistic about our technology and the potential for future revenues, we have incurred substantial losses since inception and we expect to incur a significant loss during the fiscal year ending December 31, 2018.

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 and capital expenditures. 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.

DESCRIPTION OF CAPITAL STOCK

Our Certificate of Incorporation, as amended, authorizes us to issue 150,000,000 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 October 30, 2018, there were 93,073,343 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, duly authorized, 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.

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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. 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. 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 forms 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;
- 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;
- 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.

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.

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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.

Use of Underwriters and Agents. If underwriters are used in the sale of securities, they will acquire the securities for their own accounts 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.

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. We may engage in "at the market" offerings only of our common stock. An "at the market" offering is defined in Rule 415(a) (4) under the Securities Act, as an offering of equity securities into an existing trading market for outstanding shares of the same class at other than a fixed price.

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 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.

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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 offered hereby are not expected to be listed on a securities exchange or market, except for the common stock, which is currently 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 at 100 F Street, N.E., Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information. 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 (including exhibits furnished under Item 9.01 in connection with information furnished under Item 2.02 or Item 7.01) of any current report on Form 8-K:

- Our Annual Report on Form 10-K for the fiscal year ended December 31, 2017 filed with the SEC on February 23, 2018;
- Our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2018, June 30, 2018 and September 30, 2018 filed with the SEC on May 10, 2018, August 1, 2018 and October 26, 2018, respectively;
- Our Definitive Proxy Statement on Schedule 14A filed with the SEC on April 20, 2018, as amended and supplemented by the additional definitive proxy soliciting materials on Schedule 14A filed with the SEC on April 20, 2018 and May 18, 2018;
- Our Current Reports on Form 8-K filed with the SEC on May 16, 2018 and June 7, 2018; 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).

We also specifically incorporate by reference any documents filed by us with the SEC pursuant to Sections 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date of the initial filing of this registration statement and prior to the effectiveness of this registration statement.

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

MicroVision, Inc.
6244 185th Avenue NE, Suite 100
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 MATTERS

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

EXPERTS

Our consolidated financial statements appearing in our Annual Report on Form10-K for the year ended December 31, 2017, and the effectiveness of our internal control over financial reporting as of December 31, 2017, have been audited by Moss Adams LLP, an independent registered public accounting firm, as stated in their report, which is incorporated herein by reference. Such consolidated financial statements have been so incorporated in reliance upon the report of such firm (which report expresses an unqualified opinion and includes an explanatory paragraph regarding a going concern emphasis) given upon their authority as experts in accounting and auditing.

2,000,000 Shares



MicroVision

Common Stock

PROSPECTUS SUPPLEMENT

December 31, 2018
