

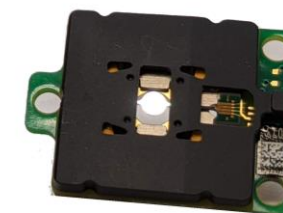
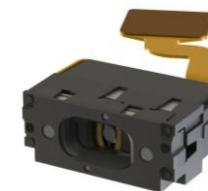
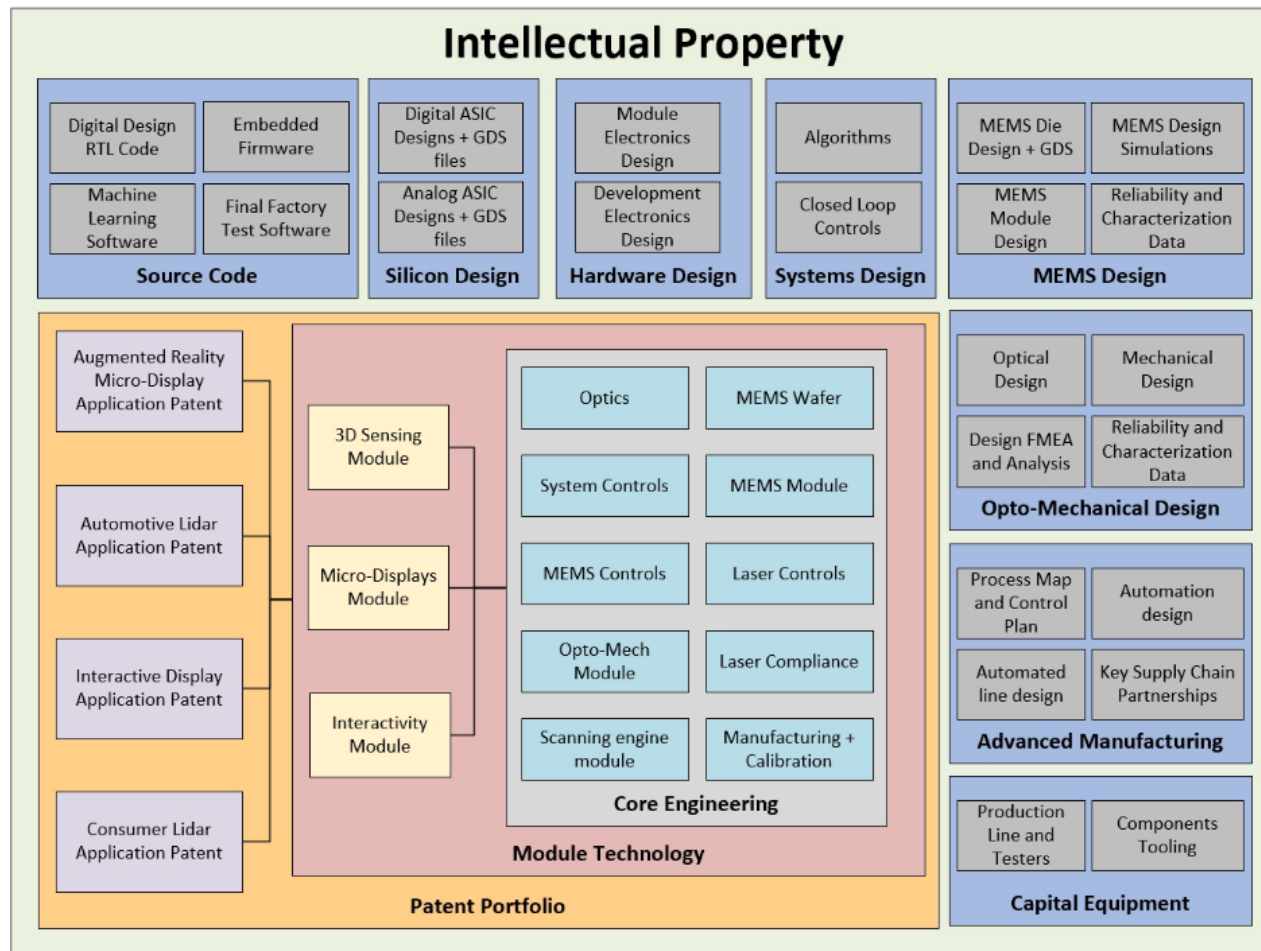
# MicroVision Overview

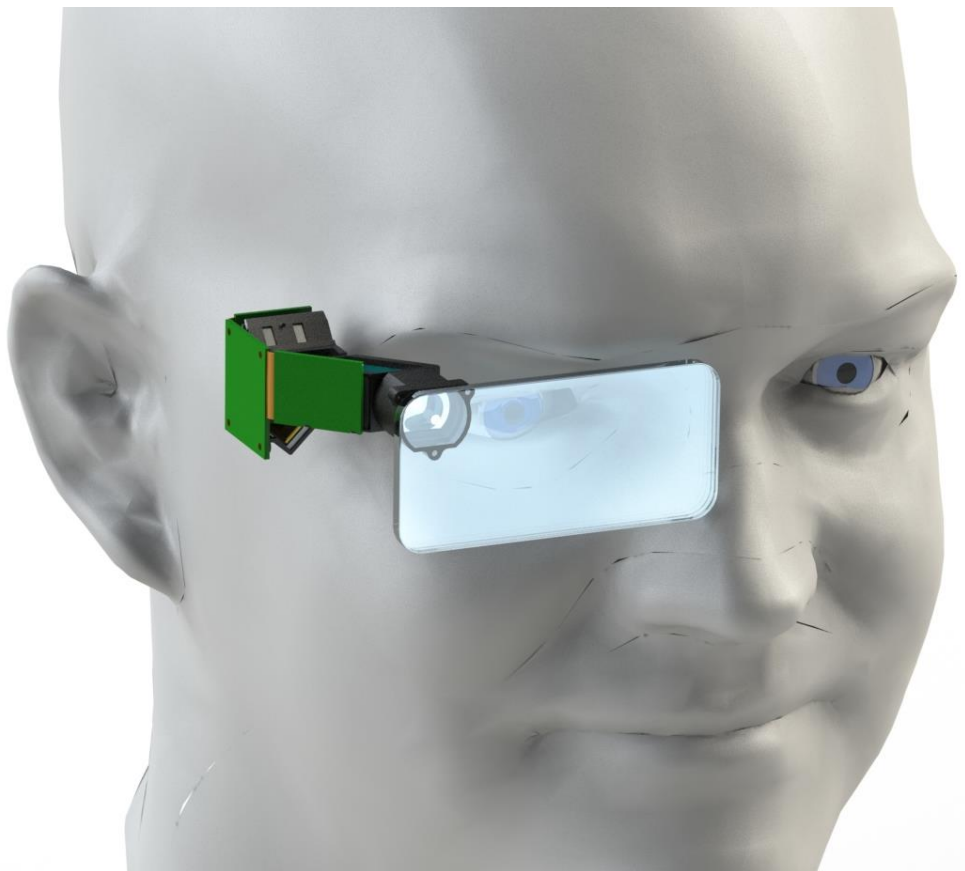
Annual Shareholder Meeting

May 19, 2020

**Investments in R&D over 20+ years to create the widest and deepest Intellectual Property in MEMS based Laser Beam Scanning technology.**

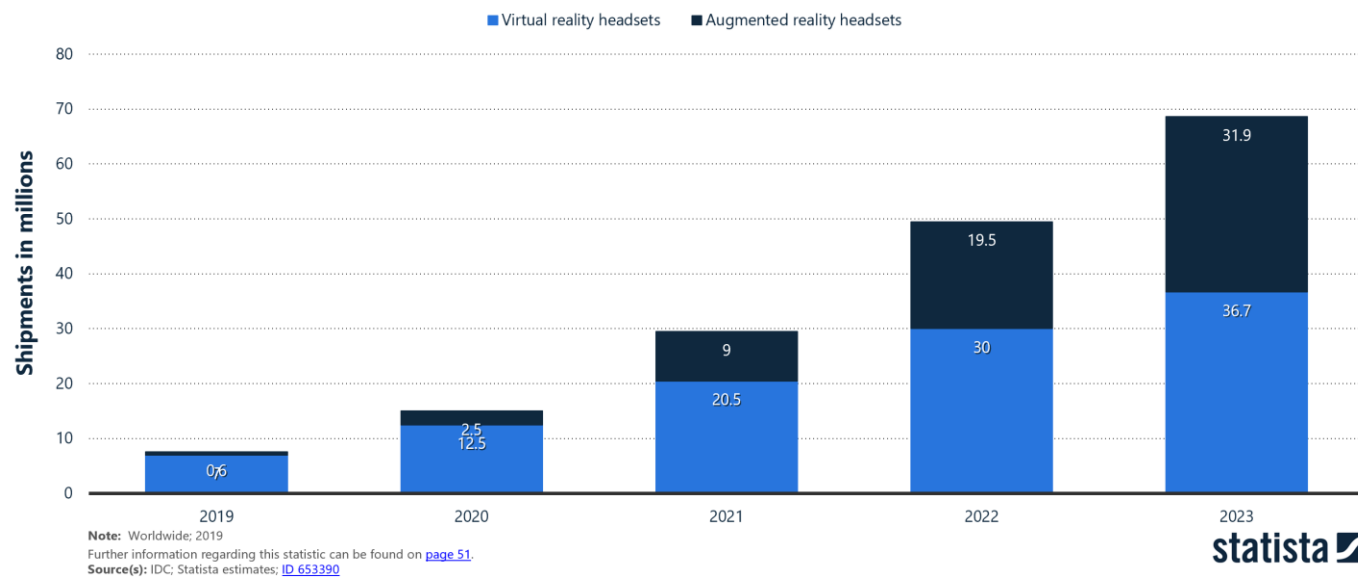
**Four unique product verticals that leverage common core technology that address high volume high growth for 10+ years after launch.**





Forecast unit shipments of augmented (AR) and virtual reality (VR) headsets from 2019 to 2023 (in millions)

Global augmented and virtual reality headset shipment forecast 2019-2023

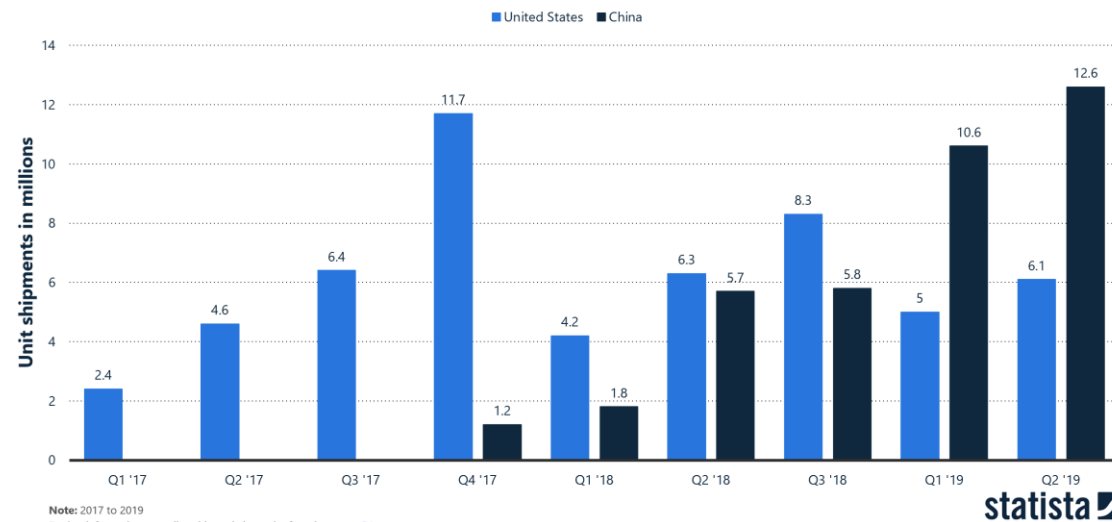


# Interactive Display

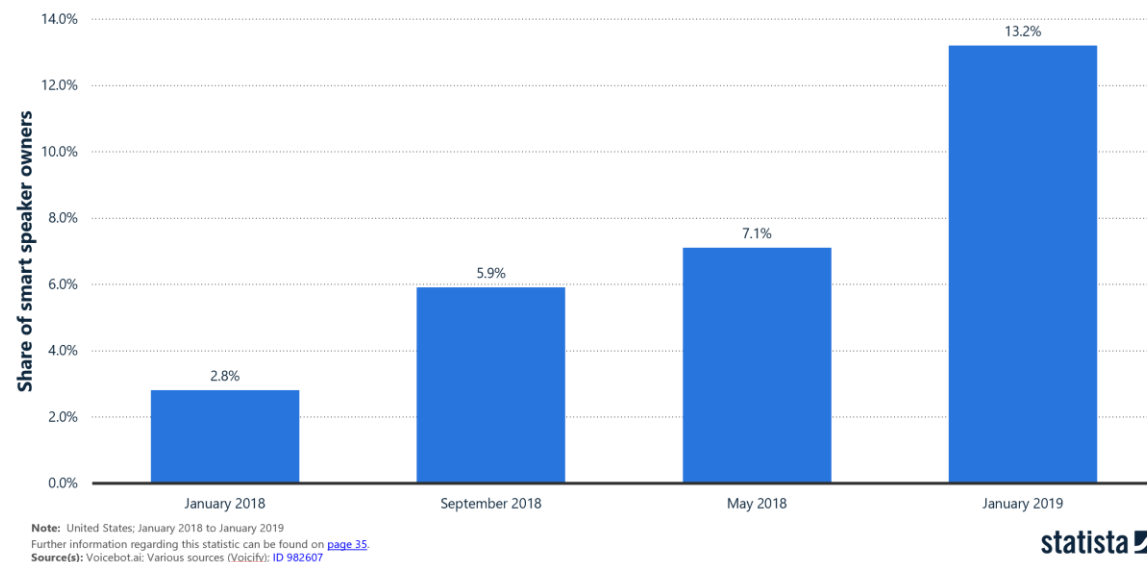


## Smart speaker Quarterly unit shipments in the United States and China

2017 to 2019 (in million units)



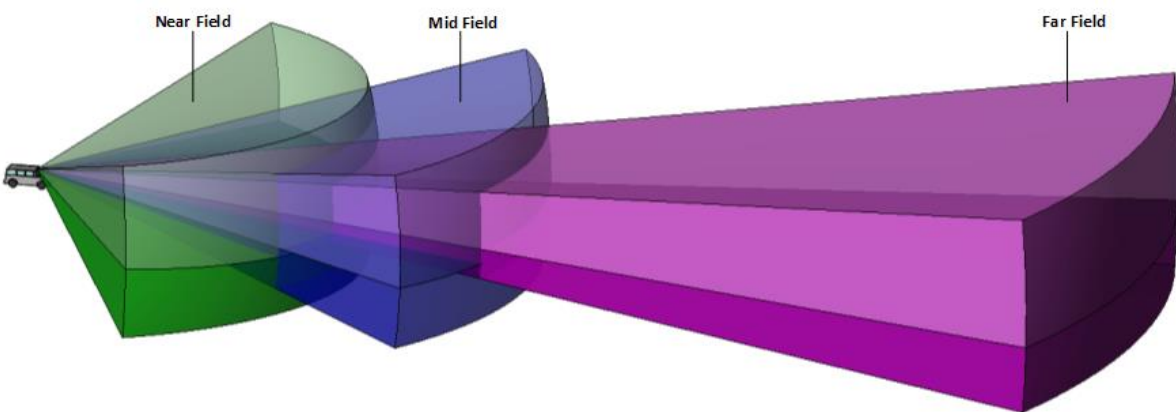
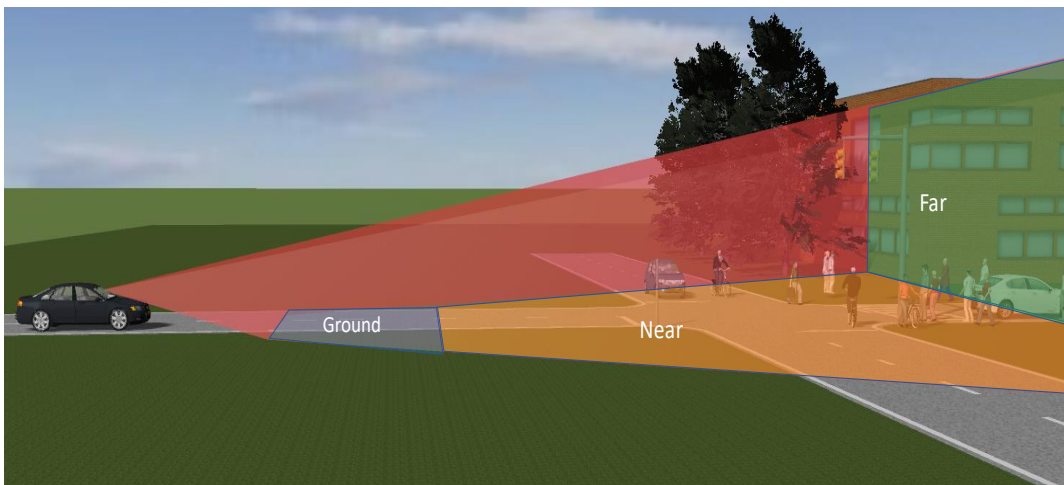
## Smart display adoption rate among smart speaker owners in the United States in 2018 and 2019



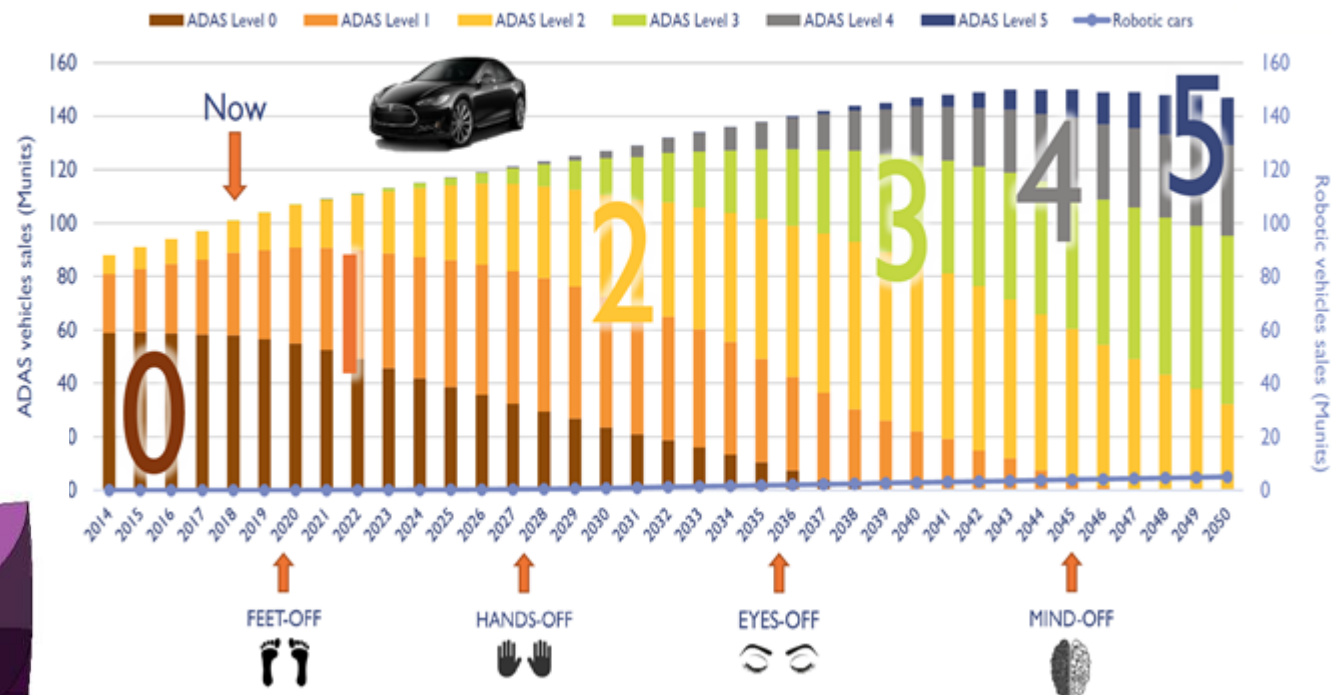
[Interactive Display Module Video](#)

[Future of Mobile Gaming with Interactive Display Video](#)

# Automotive Lidar

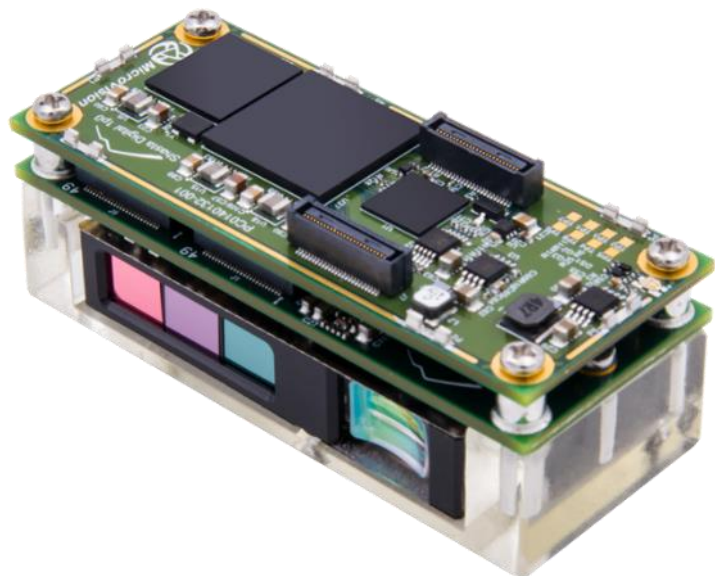


Robotic and Light vehicle sales breakdown forecast by level of autonomy



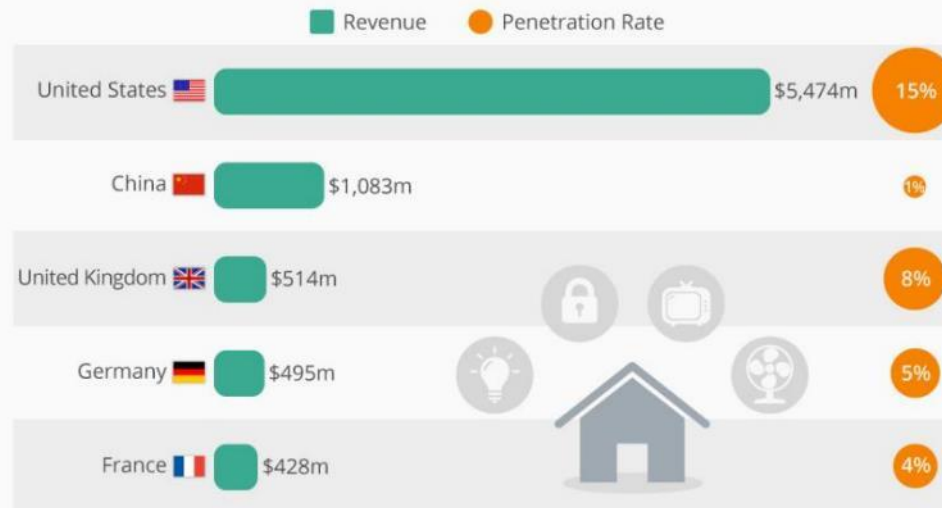


# Consumer Lidar



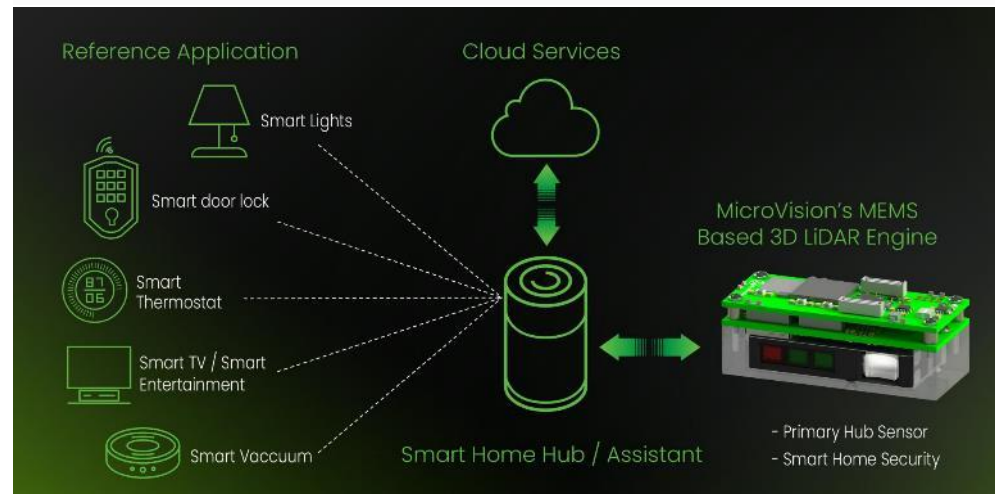
## U.S. Leads the World in Smart Home Security Adoption

Smart home security revenue and penetration rate in 2018, by country



@StatistaCharts Source: Statista DMO

statista

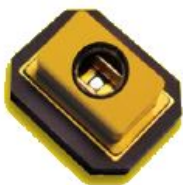


**Acquiring company would be able to generate cash from acquisition within 1-2 years with limited investment required to complete product.**



# MicroVision Overview

SVGA vacuum package MEMS represents a 75% reduction in package volume.



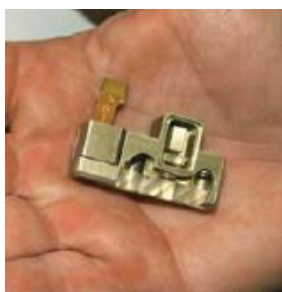
2003

2000



First generation scanning micro-electro mechanical system (MEMS) mirror designed.

2006



First IPM technology demonstration at the Society for Information Display Show (SID).

Development of fully magnetic bi-axial drives allow MEMS miniaturization, lower costs and enhanced manufacturability. Paves the way for portability with further 60% reduction in volume, 100% increase in scan angle.



2008

MicroVision starts internal LiDAR R&D engineering

2009



First commercial ultra miniature display engine integrating lasers, electronics and MEMS offers both high performance and cost effective production.

2011

2<sup>nd</sup> Generation PicoP<sup>®</sup> Scanning Technology continues to advance in performance and resolution without increasing power demands or footprint.



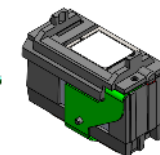
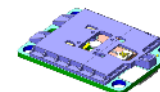
2012

2014



Sony licenses MicroVision's 3<sup>rd</sup> Generation PicoP Display Technology and launches products with 5 laser diodes for high brightness high-definition projection displays.

MicroVision, for OEM program, develops and ships, new dual MEMS mirror scanner system, consisting of piezo-electric 2mm diameter resonating mirror, combined with a non-resonating electro-magnetic 6x5mm mirror, capable of 1440i resolution at 120Hz.

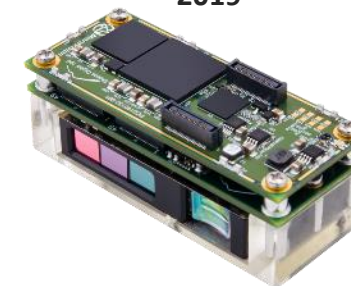


2018



MicroVision completes 4<sup>th</sup> Generation PicoP<sup>®</sup> Scanning Technology Platform design for short-throw interactive display module with high-brightness display and integrated ultra short-range LiDAR for Interactivity.

2019



First Consumer LiDAR design completed and demonstrated at CES 2019. First development kits shipped to customers.