

# Global Mobile 3D Sensing Market: Size, Trends & Forecasts (2018-2022 Edition)

August 2018



# Global Mobile 3D Sensing Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

Market Analysis

Competitive Landscape

Company Profiles

# Global Mobile 3D Sensing Market: Coverage

## Scope of the Report

Attributes	Details
Title	Global Mobile 3D Sensing Market: Size, Trends & Forecasts (2018-2022) Edition
Coverage	Global
Forecast Period of Market	2018-2022
Competition in the Market	Fragmented due to the presence of large number of players competing with each other.
Key Players	Lumentum Holdings Inc., ams AG, Sony Corporation, and ON Semiconductor Corporation.

# Global Mobile 3D Sensing Market

## Executive Summary

In the present technological advanced era, smartphones are getting highly innovative with the incorporation of 3D sensing technologies, augmented reality etc. The adoption rate of 3D sensing technology in smartphones is growing at a rapid pace. The uses of 3D sensing modules in smartphones not only include features like facial recognition but at the same time enhances the performance of camera and AR experiences.

Augmented reality (AR) refers to the placement of virtual figures or texts onto a real-life scene (that people observe through the medium of their smartphone display or smart glass lens) in the right position with the right size. Under AR, a view of reality is improved (possibly even diminished rather than increased by the use of technology). 3D sensing is the backbone technology for the implementation of AR

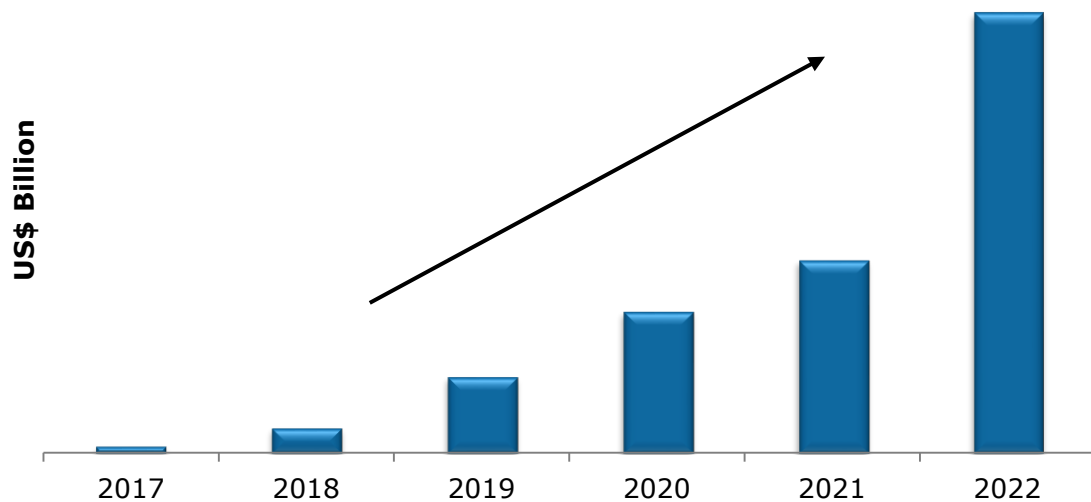
3D sensing is defined as a technology that is used to measure distances or constructs a 3D map of a real-life scene. 3D sensing hardware solutions make the use of light transmitter and a light receiver to collect depth data by calculating elapsed time or the view angle difference.

The global mobile 3D sensing market is expected to increase at massive growth rates during the forecast period (2018-2022). The global smartphone 3D sensing market is primarily driven by major factors such as growing number of smartphone users, increasing adoption of IoT technology, benefits of AR technology in retail and shopping etc.

However, risk of commoditization and limited adoption of 3D sensing technologies are some of the challenges that are restraining the growth of the market. Acceleration in mergers and acquisitions in the 3D sensing space, expected AR development timeline for smartphones, use of 3D sensing technologies in gaming consoles and rising popularity of GPS enabled smartphones are some of the trends that would push growth of the market in the coming years.

# Global Mobile 3D Sensing Market: Value Analysis

Global Mobile 3D Sensing Market by Value;  
2017-2022E (US\$ Billion)

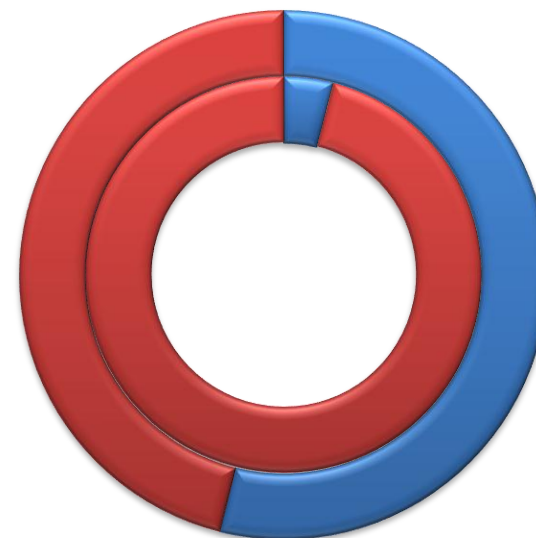


**CAGR**

2018-2022

xx%

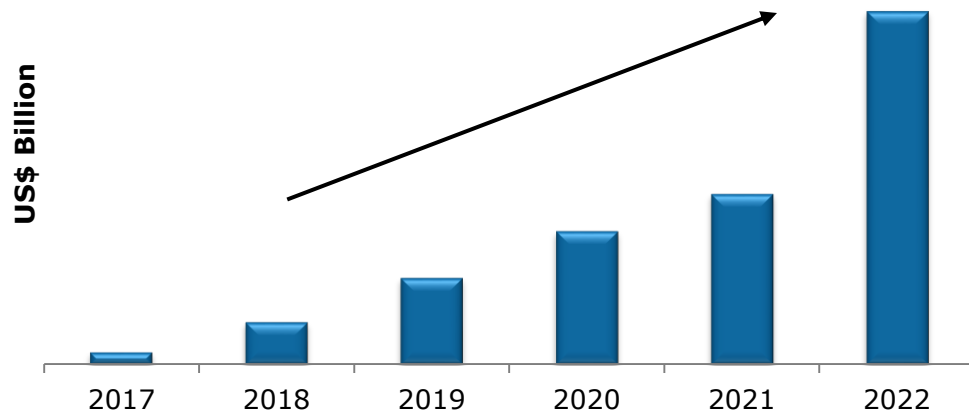
Global Mobile 3D Sensing Market Value by Segments;  
2018 and 2022



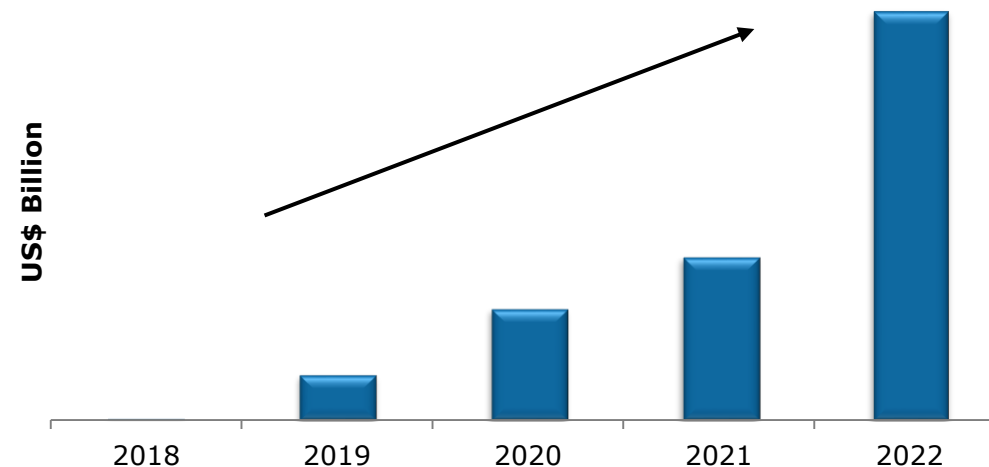
Segments	Share
Android	xx%
iPhone	xx%

# Global Mobile 3D Sensing Market: Value Analysis

**Global iPhone 3D Sensing Market by Value;  
2017-2022E (US\$ Billion)**



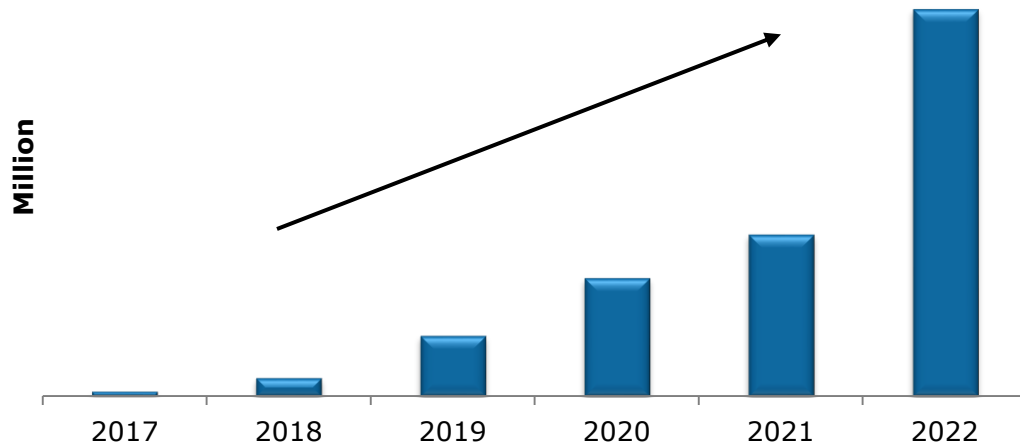
**Global Android Mobile 3D Sensing Market by Value;  
2018-2022E (US\$ Billion)**



CAGR (2018-2022)	
iPhone	xx%
Android	xx%

# Global Mobile 3D Sensing Market: Volume Analysis

Global Mobile 3D Sensing Market by Volume;  
2017-2022E (Million Units)

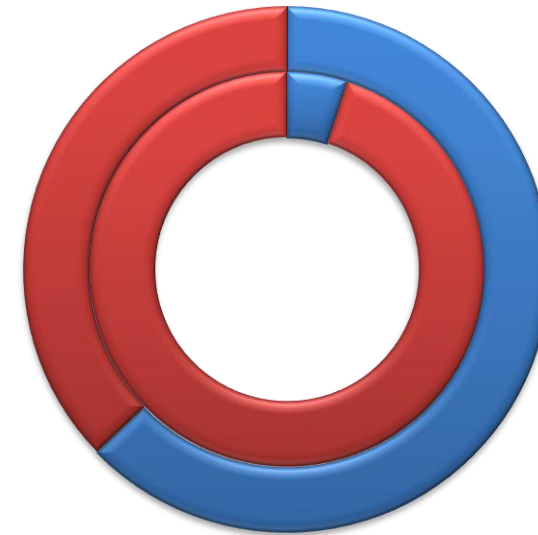


**CAGR**

2018-2022

xx%

Global Mobile 3D Sensing Market Volume by  
Segments; 2018 and 2022



**Segments**

**Share**

Android

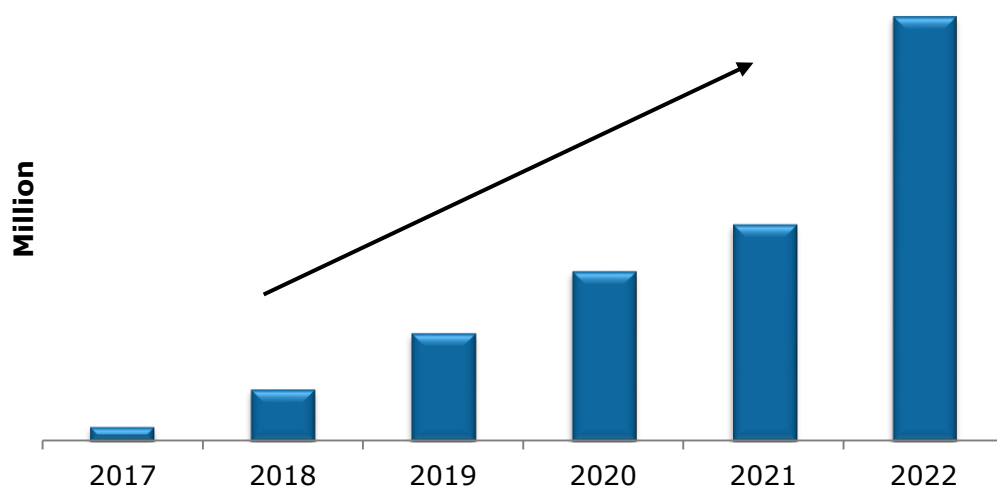
xx%

iPhone

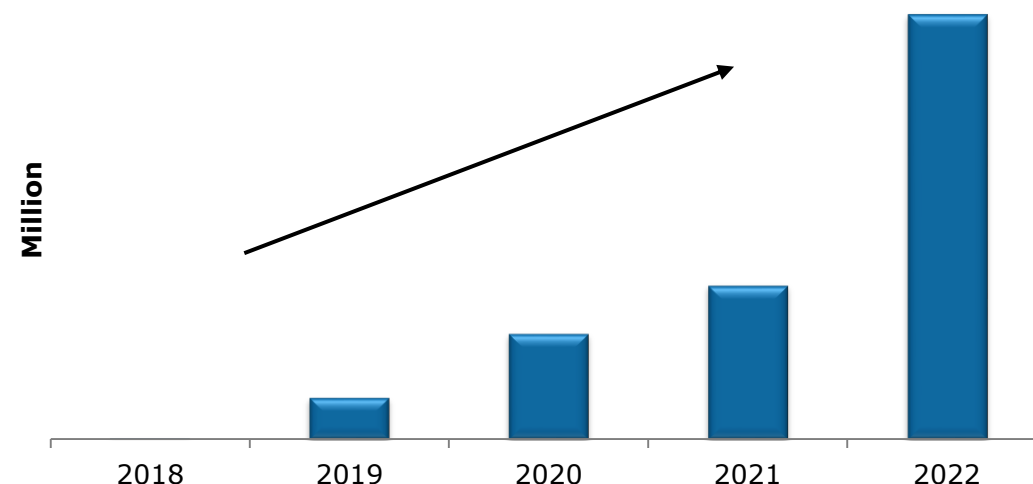
xx%

# Global Mobile 3D Sensing Market: Volume Analysis

**Global iPhone 3D Sensing Market by Volume; 2017-2022E (Million Units)**



**Global Android Mobile 3D Sensing Market by Volume; 2018-2022E (Million Units)**

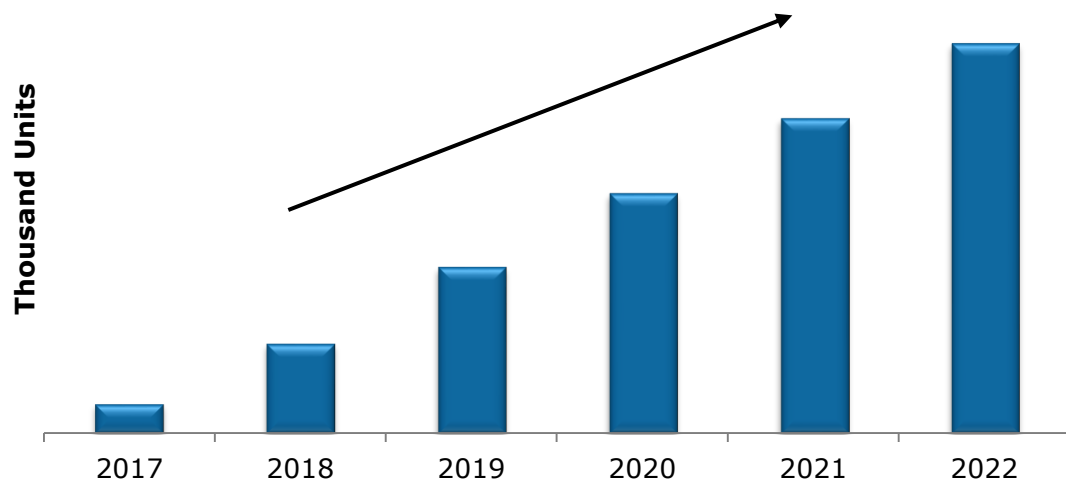


CAGR (2018-2022)	
iPhone	xx%
Android	xx%



# Global Mobile 3D Sensing VCSEL Market: Volume Analysis

Global Mobile 3D Sensing VCSEL Market by Volume; 2017-2022E (000 Units)

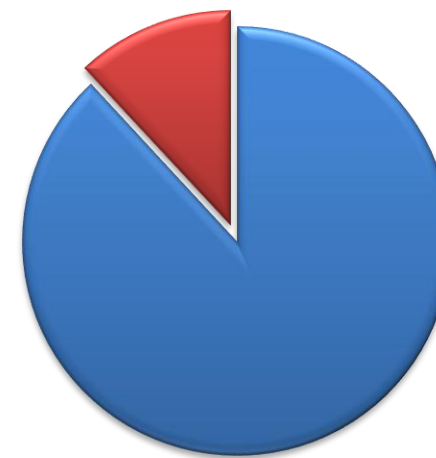


CAGR

2018-2022

xx%

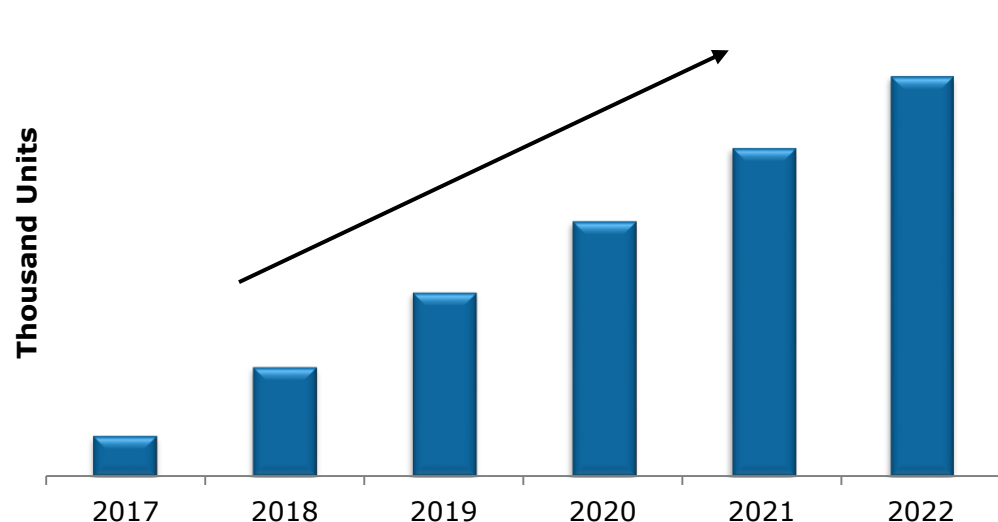
Global Mobile 3D Sensing VCSEL Market Volume by Segments; 2018E



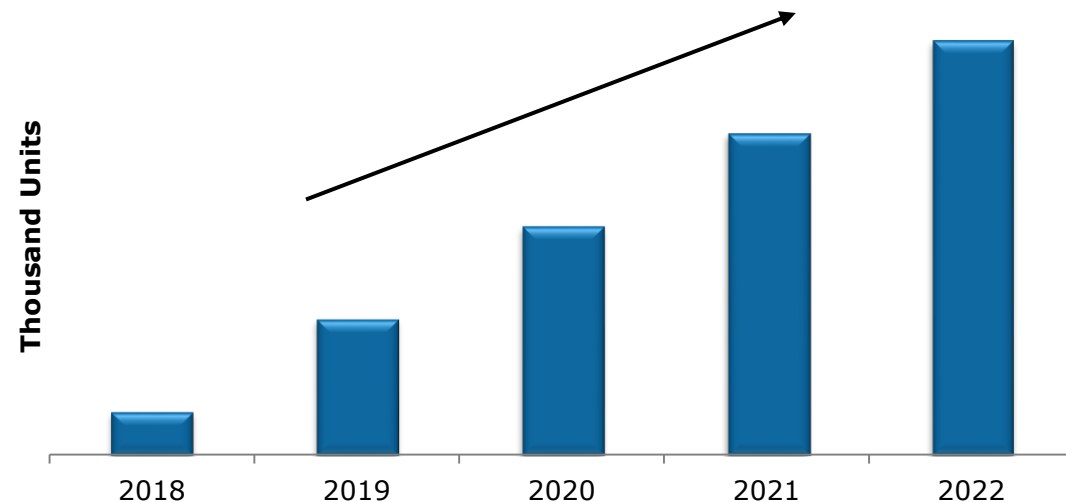
Segments	Share
iPhone Devices	xx%
Android Devices	xx%

# Global Mobile 3D Sensing VCSEL Market: Volume Analysis

Global iPhone 3D Sensing VCSEL Market by Volume; 2017-2022E (000 Units)



Global Android 3D Sensing VCSEL Market by Volume; 2017-2022E (000 Units)



CAGR (2018-2022)	
iPhone	xx%
Android	xx%

# Mobile 3D Sensing Market: Competitive Landscape

## Players Profiled

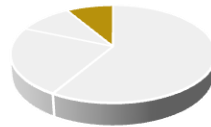
- Lumentum Holdings Inc.



- ams AG



- Sony Corporation



- ON Semiconductor Corporation

