

Automotive Ultrasonic Sensor

Market Research Report (2022)

May, 2023

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Methodology

Industry research: By conducting interviews with relevant companies, consumers, and industry experts, we aim to understand the demand, trends, and scale of the market.

Data analysis: By collecting, organizing, and analyzing market data, including market size, growth rate, pricing trends, consumer preferences, and more, we aim to understand the current status and development trends of the market.

Competitive analysis: By analyzing information such as competitor's products, prices, and market share, we aim to understand the competitive landscape in the market and our own strengths and weaknesses.

Technical analysis: By evaluating the technical requirements and development trends of the market, including the advantages and disadvantages of single photon detector technology characteristics, we aim to gain insights into the market's direction.

Regional analysis: By understanding factors such as local consumer demands and policy environments, we aim to identify regional differences in markets and potential for development.

Introduction

Ultrasonic sensors use sound waves to detect objects and measure distances, making them ideal for use in parking sensors, collision avoidance systems, and other safety-related applications. The automotive ultrasonic sensor market has been growing steadily in recent years due to the increasing demand for advanced safety features in vehicles. ICV estimates the global automotive ultrasonic sensor market is expected to grow at a CAGR of 11.5% between 2022 and 2027.

Some of the key players in the automotive ultrasonic sensor market include Texas Instruments, Bosch, Valeo, and Murata Manufacturing. These companies have been at the forefront of developing innovative ultrasonic sensor technologies for the automotive industry.

In this market research report, we will provide an in-depth analysis of the global automotive ultrasonic sensor market, including market trends, drivers and challenges, and competitive landscape. We will also provide a detailed analysis of the key players in the industry, including their market share, product offerings, and strategic initiatives.

Ultrasonic Parking Assistant



Automatic Parking Assistant



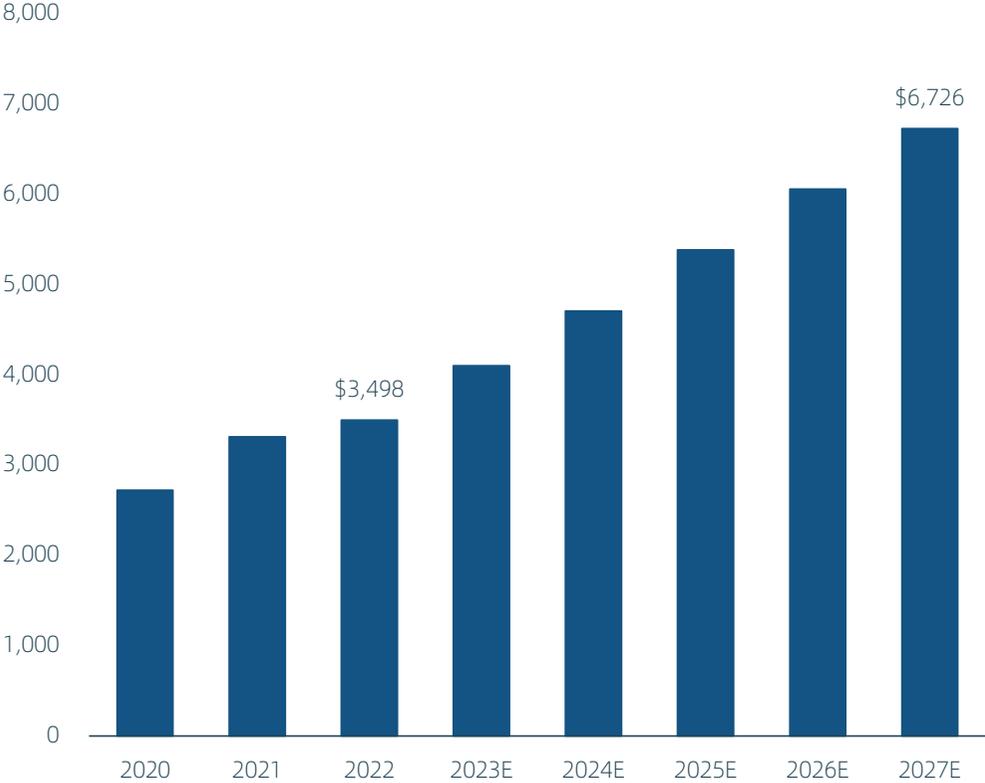
Assumptions: Configuration Table

	Ultrasonic Parking Assistant Sensor	Automatic Parking Assistant Sensor
L0	4	0
L1	6	0
L2/L2+	8	4
L3	8	4
L4/L5	8	4

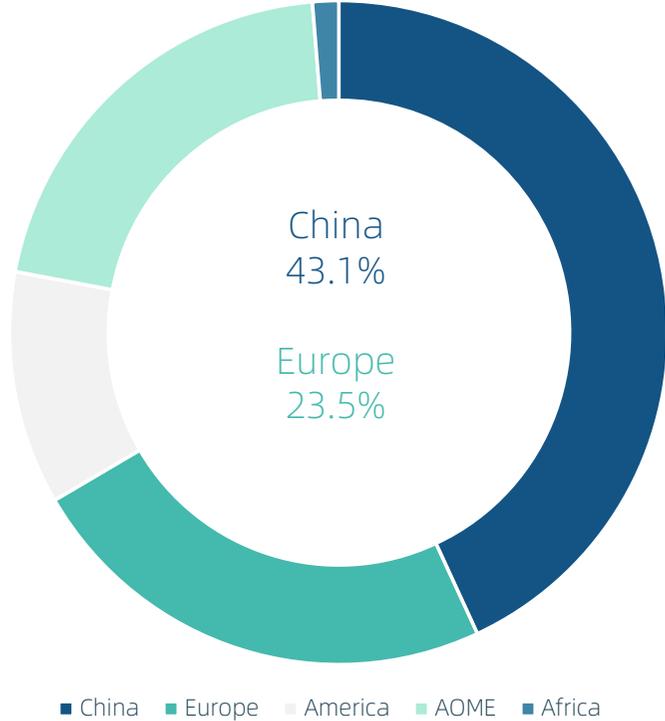
After considering the current vehicle configurations and ADAS technologies, ICV has established more reasonable assumptions for the number of ultrasonic sensors required for different levels of autonomous driving configurations. These assumptions will be used for market analysis and forecasting going forward.

Global Market Overview

Global Market Size Forecast
(in Million USD)

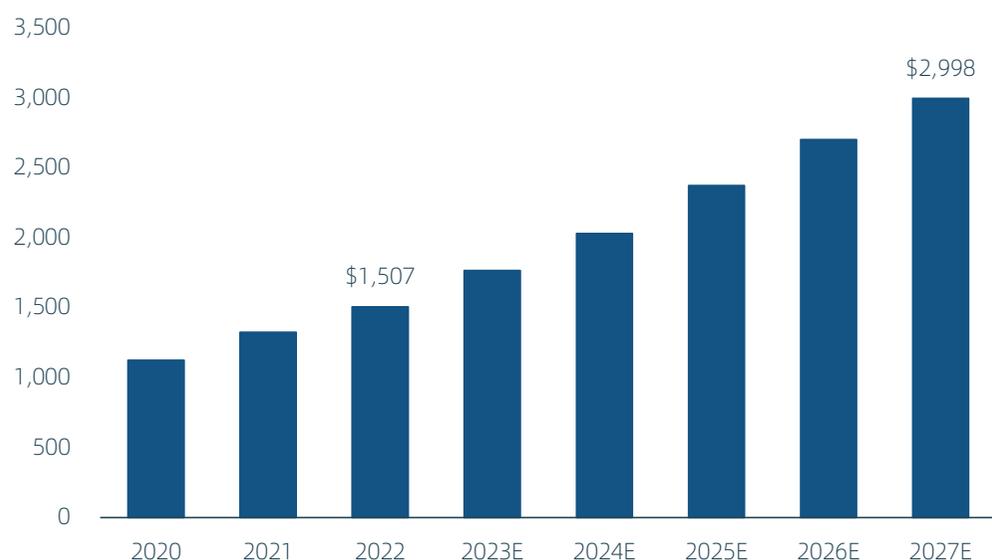


Market Share - by Country/ Region
(2022)



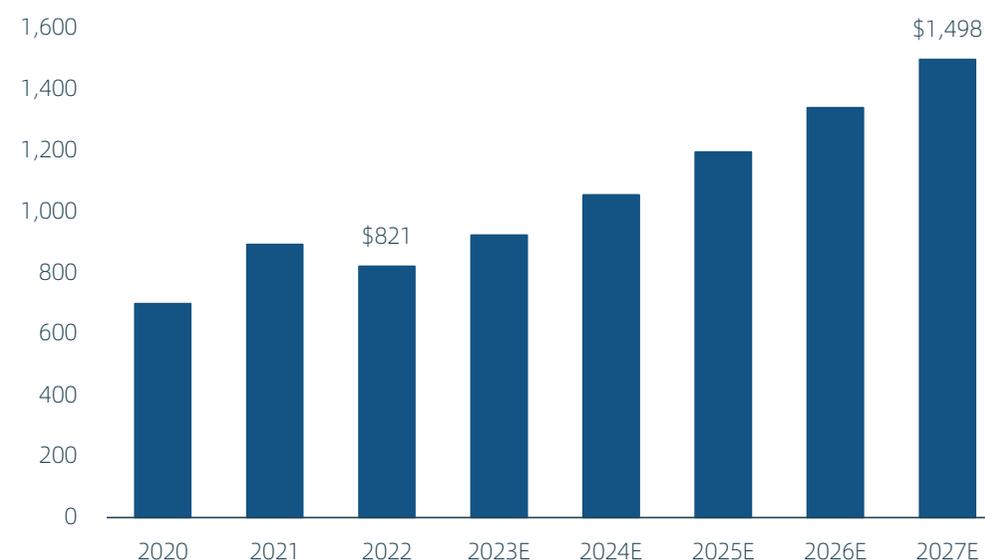
Segment Market (by region)

Market Size Forecast - China
(in Million USD)



The market of automotive ultrasonic sensor in China was worth \$1.57 billion in 2022, it was estimated to grow to \$3.92 billion in 2027, resulting at a 6-year CAGR of 12.2%.

Market Size Forecast - Europe
(in Million USD)

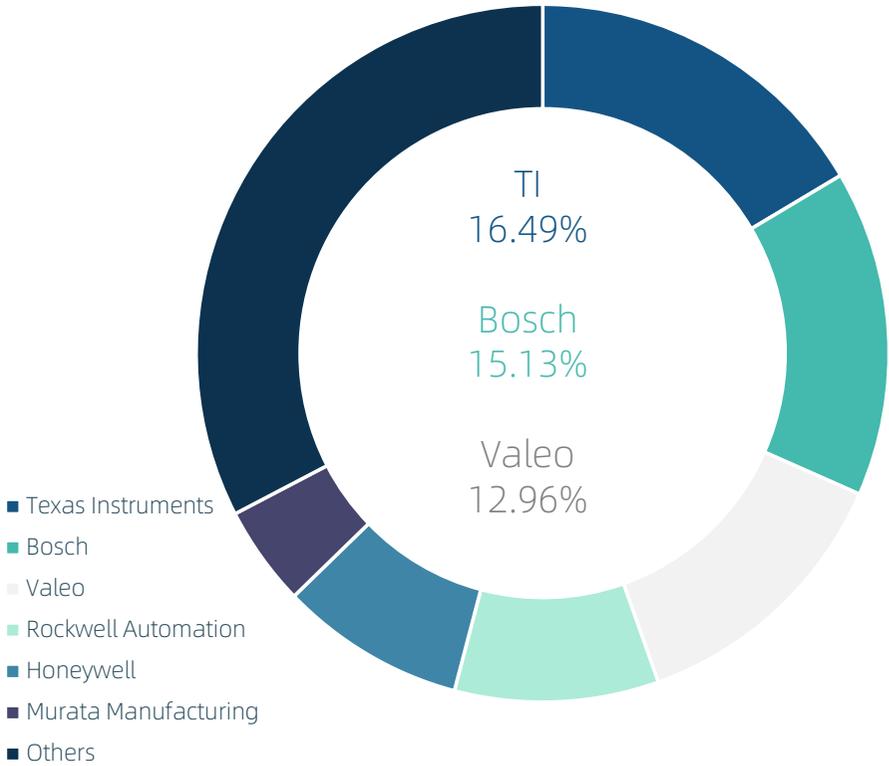
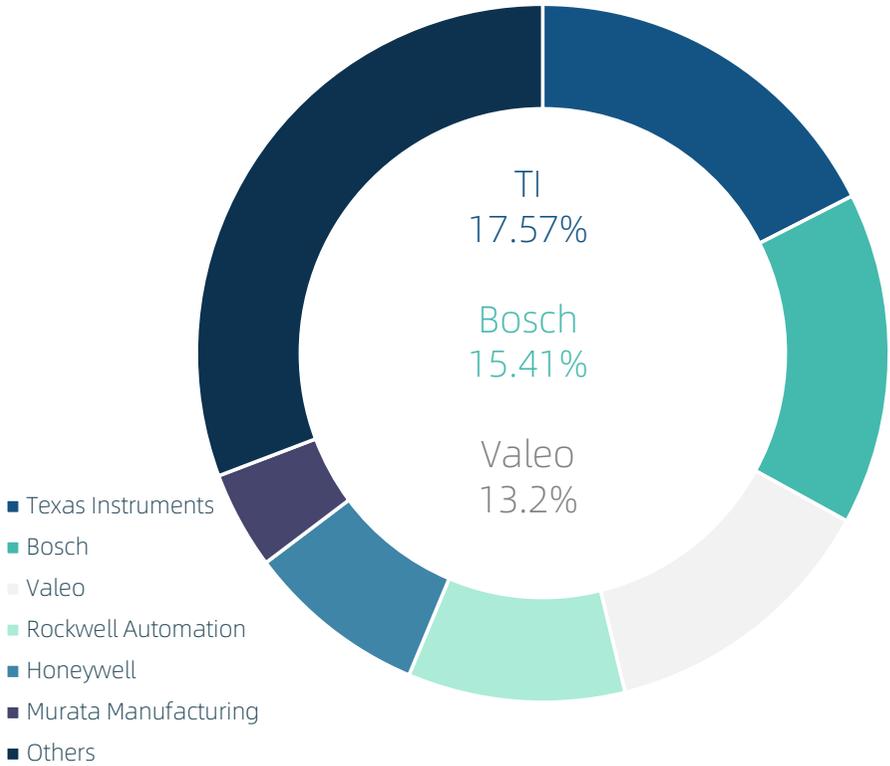


The European market was the second largest segment, it was worth \$821 million in 2022 and is estimated to increase to \$1.50 billion in 2027, with a 6-year CAGR of 10.5%.

Competitive Landscape

Automotive Ultrasonic Sensor Revenue Share by Vendor (2022)

Automotive Ultrasonic Sensor Revenue Share by Vendor (2023E)



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Ordering Information



Global Automotive Ultrasonic Sensor
Market Research Report (2022)

<input checked="" type="radio"/>	Electronic (1-5 users)	6,500.00 USD
<input type="radio"/>	Electronic (6-10 users)	9,200.00 USD
<input type="radio"/>	Electronic and 1 Hardcopy (1-5 users)	7,250.00 USD
<input type="radio"/>	Electronic and 1 Hardcopy (6-10 users)	9,950.00 USD

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