

Intelligent Cockpit

LCD Instrument Panel

**Market Research Report
2022**



Introduction

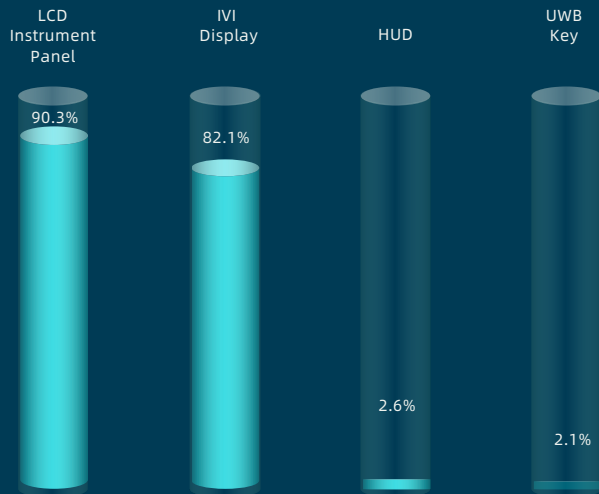
This report aims to evaluate the market of LCD Instrument Panel, one of the main hardware of the intelligent cockpit.

LCD instrument panels are becoming increasingly common in modern cars, replacing traditional analog gauges with a digital display. Compared to traditional instrument clusters, LCD panels offer a more customizable and flexible interface. Additionally, they are generally more accurate and reliable, and can provide more detailed and specific information about the vehicle's performance. They are also easier to read in a variety of lighting conditions.

Overall, LCD instrument panels are a significant advancement in automotive technology, offering greater functionality and improved usability over traditional gauges. As technology continues to evolve, it's likely that LCD panels will become even more sophisticated, with new features and capabilities that will further enhance the driving experience.

Overview

Penetration Rate (2022)



The penetration rate of the LCD instrument panel is 90.3%, which means that this device is widely adopted in modern automobiles. The In-vehicle Infotainment Display has a slightly lower penetration rate of 82.1%, but it is still a popular feature in many vehicles. The HUD has a much lower penetration rate of only 2.6%, indicating that it is not yet widely adopted in the market. Similarly, the UWB key has a penetration rate of only 2.1%, suggesting that this device is still in the early stages of adoption.



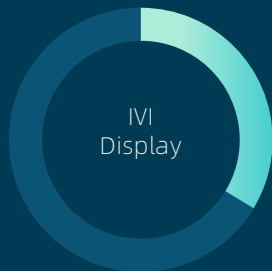
LCD
Instrument
Panel

In 2022, the market of LCD instrument panel is worth \$11.68 billion, increased by 6.1%. It's expected that this market will grow steadily in the future.



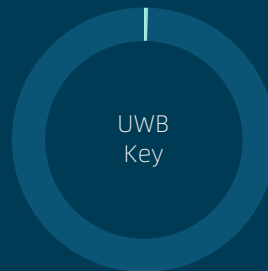
HUD

The HUD market is the most fast-growing market among the hardware modules of the intelligent cockpit. The market size grew up to \$534 million (155% up) in 2022.



IVI
Display

IVI display has the most valuable market among the main intelligent hardware modules of the cockpit in 2022. It's worth \$12.74 billion which grew by 4.2% than 2021.

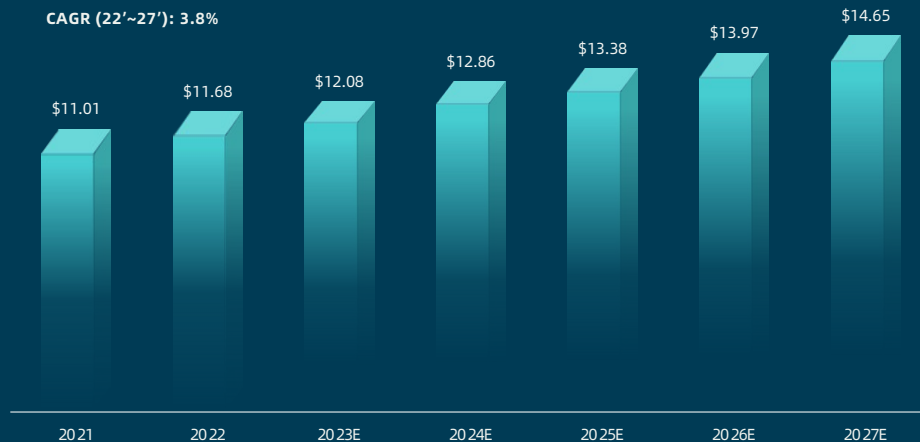


UWB
Key

2022 is the initial year of using UWB digital key and the market is worth \$133 million.

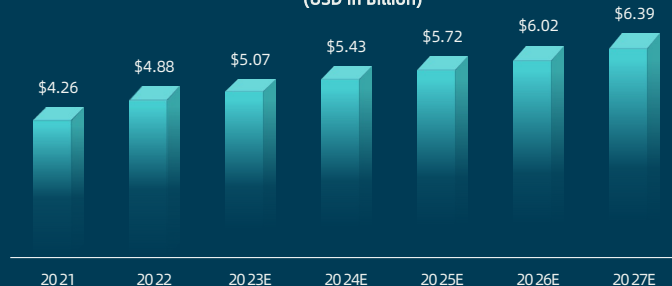
Market Size of LCD Instrument Panel

Market Size of LCD Instrument Panel - Global Market
(USD in Billion)



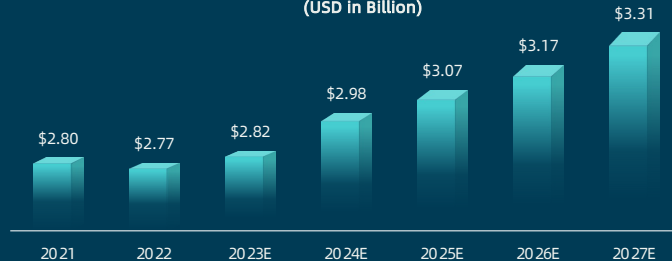
The Chinese market is estimated to increase from \$4.88 billion to \$6.39 billion, resulting in a 6-year CAGR of 4.6%.

Market Size of LCD Instrument Panel - China
(USD in Billion)



The European market is estimated to grow up to \$3.31 billion in 2027 with a 6-year CAGR of 3.0%.

Market Size of LCD Instrument Panel - Europe
(USD in Billion)



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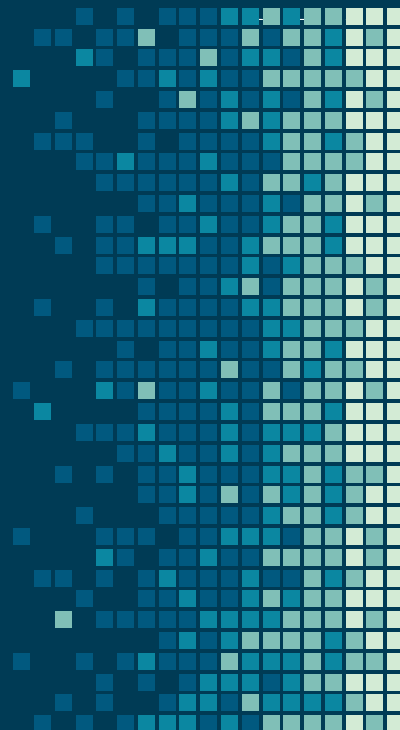
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