

# Automotive Digital Key - Global Market Outlook (2020-2028)

<https://marketpublishers.com/r/A01282BCA031EN.html>

Date: July 2021

Pages: 150

Price: US\$ 4,150.00 (Single User License)

ID: A01282BCA031EN

## Abstracts

According to Statistics MRC, the Global Automotive Digital Key Market is accounted for \$2.16 billion in 2020 and is expected to reach \$6.17 billion by 2028 growing at a CAGR of 14.0% during the forecast period. Factors such as increasing focus on vehicle safety features and rising demand for automation and electric vehicles are driving the growth of the market. However, possibility of cyber security issues is hampering the growth of the market.

Automotive digital keys provide advanced features over conventional keys such as enhanced driver safety features, connected automobiles, keyless entry, among others.

Based on the vehicle class, the passenger car (PC) segment is anticipated to expand at a rapid pace during the forecast period owing to the increase in per capita income, along with rapid industrialization. By geography, Asia Pacific is going to have high growth during the forecast period which can be attributed to the presence of developed countries that are home to advanced research and development facilities for digital key.

Some of the key players profiled in the Automotive Digital Key Market include Robert Bosch GmbH, Hyundai Mobis, Continental AG, Valeo SA, Mitsubishi Electric Corporation, Denso Corporation, HELLA GmbH & Co. KGaA, Samsung, STMicroelectronics, NXP Semiconductors, Heights Security, Inc, ALPHA Corporation, Silca, Minda Corporation, and Telefonaktiebolaget LM Ericsson.

Products Covered:

Smart Watch

Smart Key Fob

Key Card

Hardware's Covered:

Wearables

Remote Key Entry Devices

Smartphones & Tablets

Components Covered:

Electronic Control Unit (ECU)

Sensors

Switches

Other Components

Connectivity's Covered:

Bluetooth

Wi-Fi

Near Field Communication (NFC)

Biometric

Remote Cloud Key Access

Functions Covered:

Single-Function

Multi-Function

Vehicle Types Covered:

Electric (Hybrid Electric Vehicle (HEV))

Non-Electric

Vehicle Classes Covered:

Passenger Car (PC)

Commercial Vehicle

Technologies Covered:

Remote Keyless Entry System

Passive Keyless Entry System

Applications Covered:

Personal Use

Car Sharing/Shared Mobility

Car Rental

Fleet Management

Payment

Vehicle Engine Start/Stop

Charging

Vehicle Security

Sales Channels Covered:

Original Equipment Manufacturer (OEM's)

Aftermarket

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025, and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

#### Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

##### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

##### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

##### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical

presence, and strategic alliances

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Product Analysis
- 3.7 Technology Analysis
- 3.8 Application Analysis
- 3.9 Emerging Markets
- 3.10 Impact of Covid-19

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry



## **5 GLOBAL AUTOMOTIVE DIGITAL KEY MARKET, BY PRODUCT**

- 5.1 Introduction
- 5.2 Smart Watch
- 5.3 Smart Key Fob
- 5.4 Key Card

## **6 GLOBAL AUTOMOTIVE DIGITAL KEY MARKET, BY HARDWARE**

- 6.1 Introduction
- 6.2 Wearables
- 6.3 Remote Key Entry Devices
- 6.4 Smartphones & Tablets

## **7 GLOBAL AUTOMOTIVE DIGITAL KEY MARKET, BY COMPONENT**

- 7.1 Introduction
- 7.2 Electronic Control Unit (ECU)
- 7.3 Sensors
- 7.4 Switches
- 7.5 Other Components

## **8 GLOBAL AUTOMOTIVE DIGITAL KEY MARKET, BY CONNECTIVITY**

- 8.1 Introduction
- 8.2 Bluetooth
- 8.3 Wi-Fi
- 8.4 Near Field Communication (NFC)
- 8.5 Biometric
- 8.6 Remote Cloud Key Access

## **9 GLOBAL AUTOMOTIVE DIGITAL KEY MARKET, BY FUNCTION**

- 9.1 Introduction
- 9.2 Single-Function
- 9.3 Multi-Function

## **10 GLOBAL AUTOMOTIVE DIGITAL KEY MARKET, BY VEHICLE TYPE**

- 10.1 Introduction
- 10.2 Electric (Hybrid Electric Vehicle (HEV))
- 10.3 Non-Electric

## **11 GLOBAL AUTOMOTIVE DIGITAL KEY MARKET, BY VEHICLE CLASS**

- 11.1 Introduction
- 11.2 Passenger Car (PC)
  - 11.2.1 Sport Utility Vehicle (SUV)
  - 11.2.2 Compact
  - 11.2.3 Midsize
  - 11.2.4 Luxury
- 11.3 Commercial Vehicle
  - 11.3.1 Light Commercial Vehicle (LCV)
  - 11.3.2 Heavy Commercial Vehicle (HCV)

## **12 GLOBAL AUTOMOTIVE DIGITAL KEY MARKET, BY TECHNOLOGY**

- 12.1 Introduction
- 12.2 Remote Keyless Entry System
- 12.3 Passive Keyless Entry System

## **13 GLOBAL AUTOMOTIVE DIGITAL KEY MARKET, BY APPLICATION**

- 13.1 Introduction
- 13.2 Personal Use
- 13.3 Car Sharing/Shared Mobility
- 13.4 Car Rental
- 13.5 Fleet Management
- 13.6 Payment
- 13.7 Vehicle Engine Start/Stop
- 13.8 Charging
- 13.9 Vehicle Security

## **14 GLOBAL AUTOMOTIVE DIGITAL KEY MARKET, BY SALES CHANNEL**

- 14.1 Introduction
- 14.2 Original Equipment Manufacturer (OEM's)

### 14.3 Aftermarket

## **15 GLOBAL AUTOMOTIVE DIGITAL KEY MARKET, BY GEOGRAPHY**

### 15.1 Introduction

### 15.2 North America

#### 15.2.1 US

#### 15.2.2 Canada

#### 15.2.3 Mexico

### 15.3 Europe

#### 15.3.1 Germany

#### 15.3.2 UK

#### 15.3.3 Italy

#### 15.3.4 France

#### 15.3.5 Spain

#### 15.3.6 Rest of Europe

### 15.4 Asia Pacific

#### 15.4.1 Japan

#### 15.4.2 China

#### 15.4.3 India

#### 15.4.4 Australia

#### 15.4.5 New Zealand

#### 15.4.6 South Korea

#### 15.4.7 Rest of Asia Pacific

### 15.5 South America

#### 15.5.1 Argentina

#### 15.5.2 Brazil

#### 15.5.3 Chile

#### 15.5.4 Rest of South America

### 15.6 Middle East & Africa

#### 15.6.1 Saudi Arabia

#### 15.6.2 UAE

#### 15.6.3 Qatar

#### 15.6.4 South Africa

#### 15.6.5 Rest of Middle East & Africa

## **16 KEY DEVELOPMENTS**

### 16.1 Agreements, Partnerships, Collaborations and Joint Ventures

- 16.2 Acquisitions & Mergers
- 16.3 New Product Launch
- 16.4 Expansions
- 16.5 Other Key Strategies

## **17 COMPANY PROFILING**

- 17.1 Robert Bosch GmbH
- 17.2 Hyundai Mobis
- 17.3 Continental AG
- 17.4 Valeo SA
- 17.5 Mitsubishi Electric Corporation
- 17.6 Denso Corporation
- 17.7 HELLA GmbH & Co. KGaA
- 17.8 Samsung
- 17.9 STMicroelectronics
- 17.10 NXP Semiconductors
- 17.11 Heights Security, Inc
- 17.12 ALPHA Corporation
- 17.13 Silca
- 17.14 Minda Corporation
- 17.15 Telefonaktiebolaget LM Ericsson

## List Of Tables

### LIST OF TABLES

Table 1 Global Automotive Digital Key Market Outlook, By Region (2019-2028) (\$MN)

Table 2 Global Automotive Digital Key Market Outlook, By Product (2019-2028) (\$MN)

Table 3 Global Automotive Digital Key Market Outlook, By Smart Watch (2019-2028) (\$MN)

Table 4 Global Automotive Digital Key Market Outlook, By Smart Key Fob (2019-2028) (\$MN)

Table 5 Global Automotive Digital Key Market Outlook, By Key Card (2019-2028) (\$MN)

Table 6 Global Automotive Digital Key Market Outlook, By Hardware (2019-2028) (\$MN)

Table 7 Global Automotive Digital Key Market Outlook, By Wearables (2019-2028) (\$MN)

Table 8 Global Automotive Digital Key Market Outlook, By Remote Key Entry Devices (2019-2028) (\$MN)

Table 9 Global Automotive Digital Key Market Outlook, By Smartphones & Tablets (2019-2028) (\$MN)

Table 10 Global Automotive Digital Key Market Outlook, By Component (2019-2028) (\$MN)

Table 11 Global Automotive Digital Key Market Outlook, By Electronic Control Unit (ECU) (2019-2028) (\$MN)

Table 12 Global Automotive Digital Key Market Outlook, By Sensors (2019-2028) (\$MN)

Table 13 Global Automotive Digital Key Market Outlook, By Switches (2019-2028) (\$MN)

Table 14 Global Automotive Digital Key Market Outlook, By Other Components (2019-2028) (\$MN)

Table 15 Global Automotive Digital Key Market Outlook, By Connectivity (2019-2028) (\$MN)

Table 16 Global Automotive Digital Key Market Outlook, By Bluetooth (2019-2028) (\$MN)

Table 17 Global Automotive Digital Key Market Outlook, By Wi-Fi (2019-2028) (\$MN)

Table 18 Global Automotive Digital Key Market Outlook, By Near Field Communication (NFC) (2019-2028) (\$MN)

Table 19 Global Automotive Digital Key Market Outlook, By Biometric (2019-2028) (\$MN)

Table 20 Global Automotive Digital Key Market Outlook, By Remote Cloud Key Access (2019-2028) (\$MN)

Table 21 Global Automotive Digital Key Market Outlook, By Function (2019-2028) (\$MN)

Table 22 Global Automotive Digital Key Market Outlook, By Single-Function (2019-2028) (\$MN)

Table 23 Global Automotive Digital Key Market Outlook, By Multi-Function (2019-2028) (\$MN)

Table 24 Global Automotive Digital Key Market Outlook, By Vehicle Type (2019-2028) (\$MN)

Table 25 Global Automotive Digital Key Market Outlook, By Electric (Hybrid Electric Vehicle (HEV)) (2019-2028) (\$MN)

Table 26 Global Automotive Digital Key Market Outlook, By Non-Electric (2019-2028) (\$MN)

Table 27 Global Automotive Digital Key Market Outlook, By Vehicle Class (2019-2028) (\$MN)

Table 28 Global Automotive Digital Key Market Outlook, By Passenger Car (PC) (2019-2028) (\$MN)

Table 29 Global Automotive Digital Key Market Outlook, By Sport Utility Vehicle (SUV) (2019-2028) (\$MN)

Table 30 Global Automotive Digital Key Market Outlook, By Compact (2019-2028) (\$MN)

Table 31 Global Automotive Digital Key Market Outlook, By Midsize (2019-2028) (\$MN)

Table 32 Global Automotive Digital Key Market Outlook, By Luxury (2019-2028) (\$MN)

Table 33 Global Automotive Digital Key Market Outlook, By Commercial Vehicle (2019-2028) (\$MN)

Table 34 Global Automotive Digital Key Market Outlook, By Light Commercial Vehicle (LCV) (2019-2028) (\$MN)

Table 35 Global Automotive Digital Key Market Outlook, By Heavy Commercial Vehicle (HCV) (2019-2028) (\$MN)

Table 36 Global Automotive Digital Key Market Outlook, By Technology (2019-2028) (\$MN)

Table 37 Global Automotive Digital Key Market Outlook, By Remote Keyless Entry System (2019-2028) (\$MN)

Table 38 Global Automotive Digital Key Market Outlook, By Passive Keyless Entry System (2019-2028) (\$MN)

Table 39 Global Automotive Digital Key Market Outlook, By Application (2019-2028) (\$MN)

Table 40 Global Automotive Digital Key Market Outlook, By Personal Use (2019-2028) (\$MN)

Table 41 Global Automotive Digital Key Market Outlook, By Car Sharing/Shared Mobility

(2019-2028) (\$MN)

Table 42 Global Automotive Digital Key Market Outlook, By Car Rental (2019-2028) (\$MN)

Table 43 Global Automotive Digital Key Market Outlook, By Fleet Management (2019-2028) (\$MN)

Table 44 Global Automotive Digital Key Market Outlook, By Payment (2019-2028) (\$MN)

Table 45 Global Automotive Digital Key Market Outlook, By Vehicle Engine Start/Stop (2019-2028) (\$MN)

Table 46 Global Automotive Digital Key Market Outlook, By Charging (2019-2028) (\$MN)

Table 47 Global Automotive Digital Key Market Outlook, By Vehicle Security (2019-2028) (\$MN)

Table 48 Global Automotive Digital Key Market Outlook, By Sales Channel (2019-2028) (\$MN)

Table 49 Global Automotive Digital Key Market Outlook, By Original Equipment Manufacturer (OEM's) (2019-2028) (\$MN)

Table 50 Global Automotive Digital Key Market Outlook, By Aftermarket (2019-2028) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

## I would like to order

Product name: Automotive Digital Key - Global Market Outlook (2020-2028)

Product link: <https://marketpublishers.com/r/A01282BCA031EN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A01282BCA031EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970