

Connected Motorcycle Market Report by Service (Driver Assistance, Infotainment, Safety, Vehicle Management and Telematics, Insurance), Hardware (Embedded, Tethered), Network Type (Cellular V2X, Dedicated Short Range Communication), End User (Private, Commercial), and Region 2024-2032

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Abstracts

The global connected motorcycle market size reached US\$ 128.9 Million in 2023. Looking forward, IMARC Group expects the market to reach US\$ 1,674.4 Million by 2032, exhibiting a growth rate (CAGR) of 32% during 2024-2032.

A connected motorcycle is an intelligent mobility solution that connects riders to the telematics control unit (TCU) through a cellular connection. It has a highly advanced system that alerts the rider about traffic conditions, potholes, road curves, oil level, tire pressure, and battery life. It also enables remote monitoring by tracking stolen vehicles, collecting data for performance analytics, and offering operational information, roadside assistance, and over-the-air (OTA) updates. At present, a considerable rise in the number of road accidents is escalating the demand for connected motorcycles worldwide to enhance driver safety.

The growing emphasis on driver safety and the increasing demand for a comfortable and safe riding experience are among the leading factors influencing the adoption of connected motorcycles for advanced assistance features. Moreover, road safety authorities worldwide are undertaking several initiatives to minimize fatal road accidents. This, along with the increasing reliance on smartphones and the rising deployment of 5G networks, is contributing to the market growth. Furthermore, app developers are creating two-wheeler-specific applications that provide motorcycle

status, tamper alerts, and vehicle location. They also include automatic collision notification, remote diagnostics, and maintenance reminders. Apart from this, the leading players are integrating smart sensors, big data, and the Internet of Things (IoT) technologies to measure health and deliver real-time warnings to riders. They are also focusing on improving the safety, reliability, efficiency, and convenience of vehicle connectivity systems.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global connected motorcycle market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on service, hardware, network type and end user.

Breakup by Service:

Driver Assistance

Infotainment

Safety

Vehicle Management and Telematics

Insurance

Breakup by Hardware:

Embedded

Tethered

Breakup by Network Type:

Cellular V2X

Dedicated Short Range Communication

Breakup by End User:

Private

Commercial

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Aeris, Autotalks Ltd., BMW AG, Continental AG, DXC Technology Company, Facomsa, IAV, KPIT Technologies Ltd, Panasonic Corporation, Robert Bosch GmbH, Starcom Systems Ltd and TE Connectivity.

Key Questions Answered in This Report

1. How big is the global connected motorcycle market?
2. What is the expected growth rate of the global connected motorcycle market during 2024-2032?
3. What are the key factors driving the global connected motorcycle market?
4. What has been the impact of COVID-19 on the global connected motorcycle market?

5. What is the breakup of the global connected motorcycle market based on the service?
6. What is the breakup of the global connected motorcycle market based on the hardware?
7. What is the breakup of the global connected motorcycle market based on the network type?
8. What is the breakup of the global connected motorcycle market based on the end user?
9. What are the key regions in the global connected motorcycle market?
10. Who are the key players/companies in the global connected motorcycle market?

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