

South Korea Commercial Drones Market Size, Share, Trends and Forecast by Weight, System, Product, Mode of Operation, Application, End Use, and Region, 2026-2034

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Abstracts

The South Korea commercial drones market size reached USD 715.5 Million in 2025. The market is projected to reach USD 3,181.7 Million by 2034, exhibiting a growth rate (CAGR) of 17.49% during 2026-2034. Advancements in drone technology are making drones more efficient, reliable, and adaptable across various industries. In addition, media companies in the country are employing drones to capture sweeping landscape shots, dramatic aerial sequences, and smooth tracking footage that enhance visual storytelling, thereby contributing to the expansion of the South Korea commercial drones market share.

SOUTH KOREA COMMERCIAL DRONES MARKET TRENDS:

Advancements in drone technology

Advancements in drone technology are positively influencing the market in South Korea. As battery life improves, drones fly longer distances and perform extended missions, increasing their usefulness in agriculture, construction, and surveillance. Lightweight materials enhance speed and reduce energy utilization, while high-resolution cameras and thermal imaging enable precise data collection for mapping, inspection, and monitoring. Autonomous flight systems allow drones to operate with minimal human control, reducing labor costs and the risk of human error. Enhanced obstacle avoidance and improved global positioning system (GPS) systems ensure safer navigation even in crowded or complex environments, such as urban areas and industrial sites. Integration with 5G networks is facilitating faster data transmission and real-time monitoring, which

is crucial for applications like delivery and live aerial footage. Customizable payloads let drones carry different tools for spraying, scanning, and transporting goods, increasing their value in agriculture and logistics. Weather-resistant designs are expanding the range of conditions in which drones can operate, supporting consistent performance. Drone durability and advanced navigation features also make them more suitable for high-risk and remote operations. Rising AI use allows drones to analyze data, detect objects, and make real-time decisions, boosting their intelligence and efficiency. According to the IMARC Group, the South Korea AI market is set to attain USD 30.00 Billion by 2033, exhibiting a CAGR of 26.60% from 2025-2033.

Growing media and entertainment applications

Increasing media and entertainment applications are fueling the South Korea commercial drones market growth. According to industry reports, as of May 2025, the media and entertainment industry in South Korea included 1.13K firms. Drones offer a unique, dynamic perspective that traditional filming equipment cannot easily achieve, making them popular tools in movie production, television broadcasting, music videos, sports coverage, and live events. Media companies in South Korea are employing drones to capture sweeping landscape shots, dramatic aerial sequences, and smooth tracking footage that enhance visual storytelling. The flexibility, precision, and cost-effectiveness of drones reduce the need for expensive crane setups or helicopters, making high-quality aerial footage more accessible to smaller production houses. In live broadcasting, drones provide real-time aerial views of concerts, festivals, parades, and sporting events, improving viewer engagement. Drones also support virtual tours and 360-degree video content, which are increasingly utilized for online media and promotional campaigns. As South Korea continues to lead in digital content creation and visual innovation, the demand for drones in the media and entertainment sector is growing steadily.

SOUTH KOREA COMMERCIAL DRONES MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country and regional levels for ?2026-2034?. Our report has categorized the market based on weight, system, product, mode of operation, application, and end use.

Weight Insights:

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