

Main Business Areas

Aerospace & Mechatronics

At Hanwha, we provide solutions to create sustainable infrastructure on Earth and in space by innovating proprietary aerospace technologies. We have accumulated expertise in a range of business areas focused on the future of humanity, developing original technologies including engines for space-launch vehicles, advanced Earth orbit observation, satellite-based communication capabilities and urban air mobility (UAM).

Hanwha Aerospace played a pivotal role in the development of Nuri, also known as KSLV-II (Korean Space Launch Vehicle), South Korea's first homegrown space propulsion system. We were responsible for supplying core mechanical subsystems and critical components for Nuri, including the liquid propellant rocket engines. In fact, Nuri was successfully launched in June 2022, rendering South Korea to become the seventh country in the world to develop a space launch vehicle that can carry satellites weighing over 1 ton.

As part of our bold vision for the future, we also aim to explore space and search for natural resources and energy. But our solutions aren't limited to the atmosphere. Hanwha is also creating an industrial ecosystem to enhance the safety and enrich the lives of our customers right here on Earth by offering integrated solutions for the future, including intelligent AI camera and analysis technology, AIoT platform convergent technology and blockchain security.

Business Scope



- ✓ Assembled and delivered more than 9,700 aircraft engines over 40 years as of 2022
- ✓ Strategically invested USD 170 million in Overair, a U.S. aeronautics company that develops electric aircraft, air taxis, and personal air vehicles
- ✓ USD 300 million investment in OneWeb, a leading global satellite broadband internet provider based in the U.K.
- ✓ Acquired the business and assets of Phasor Solutions, a U.K.-based satellite communication antenna developer, to step up its advance into the global business
- ✓ USD 41 million of equity investment in Kymeta to support growth in the global mobile satellite-cellular connectivity technology market
- ✓ Global leading video-surveillance solutions provider
- ✓ Fast-growing player in the global-security industry with next-generation technologies such as deep learning and AI

Major Affiliates

Hanwha Corporation /Momentum

Hanwha Aerospace

Hanwha Systems

Hanwha Vision

Major Products & Services

- Aircraft engines and engine components
- Aerospace sensors and electronic systems
- UAM (Urban Air Mobility), and Satellite communication antennas
- Video surveillance devices and solutions
- Industrial equipment and engineering solutions
- Collaborative robots