

PRODUCT BROCHURE

Shenzhen SkyeVTOL Intelligent

Technologies Co., Ltd.

www.skyevtol.com



Company Introduction

Shenzhen SkyeVTOL Intelligent Technology Co., Ltd. is an innovative technology enterprise dedicated to the **design, R&D, and manufacturing of aircraft**, as well as the development of low-altitude integrated application platforms. Headquartered in **Shenzhen, China**, the company integrates expertise in aircraft design, intelligent control, electric propulsion systems, and low-altitude operations to drive independent innovation and system integration.

SkyeVTOL is committed to **democratising flight** by providing safe, efficient, and intelligent low-altitude travel solutions. The company's core technological foundation lies in its advanced avionics and proprietary **Simplified Vehicle Operations (SVO) systems**.



Core Product Portfolio

The company's offerings span from high-performance components to manned electric Vertical Take-Off and Landing (eVTOL) aircraft:

- **Manned eVTOL Aircraft:**
- **"David":** A single-seat, all-electric manned aircraft featuring an all-aluminum airframe and multi-redundancy electric propulsion. It is designed for high safety, low noise, and zero emissions, catering to urban operations, emergency logistics, and personal short-haul travel.
- **"Little Helmsman" (Tour Cab):** A compact, ultra-light manned eVTOL engineered for scenic roaming. It features an **amphibious pontoon system** for water-surface stability and a smart touchscreen interface with proprietary avionics.
- **Industrial Flight Controllers:**
- SkyeVTOL is a leader in developing **industrial-grade UAV flight control systems**.

- The **FC1128** series offers high-end intelligent control with aerospace-grade sensor integration and triple IMU redundancy for mission-critical reliability.
- The **FC1129** series incorporates an advanced redundancy architecture featuring dual processors, quadruple IMUs, and multiple backup systems for satellite reception and data links.
- The **FC1129 3x** establishes a new industry benchmark by providing a **triple-redundant architecture** designed to protect high-value payloads and ensure continuous operation even in the event of component failure.

Integrated Solutions and Vision

Beyond hardware, the **SkyeVTOL Low-Altitude Integrated Application Platform** leverages cutting-edge technologies like **digital twins**, flight management, and dispatching control. This platform provides complete solutions for "low-altitude +" scenarios, including tourism, urban transportation, and emergency response, empowering the high-quality development of the low-altitude economy. SkyeVTOL continues to contribute to a safe and intelligent global low-altitude airspace operation system.





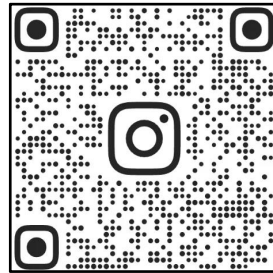
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