AKSI
AEROSPACE GROUP

REVOLUTIONIZING AVIATION WITH INNOVATIVE DRONE TECHNOLOGY

AKSI AEROSPACE GROUP

CONTACT NOW

+91 93419 71308
+91 84509 61308

www.aksiaerospace.com

MESSAGE FROM MANAGING DIRECTOR

As we continue to witness the rapid evolution of the drone industry, one fact remains clear—India is poised to be a leader in the future of unmanned aerial systems (UAS). At AKSI Aerospace group, we are proud to be at the forefront of this revolution, particularly as we embrace the "Make in India" initiative to manufacture drones and drone subsystems within our country.

The vision for "**Make in India**" goes beyond just manufacturing. It is about fostering innovation, creating jobs, enhancing our technological capabilities, and reducing dependency on foreign imports. By promoting local manufacturing, we ensure that India not only becomes self-reliant but also positions itself as a global hub for drone technology, research, and development.

Our company is deeply committed to contributing to this national vision. Through our state-of-the-art facilities, we are actively involved in the production of drones and their critical subsystems—motors, propulsion systems, avionics, sensors, batteries, carbon composites and much more—crafted by skilled Indian engineers. Each drone we build is a testament to the capability and ingenuity of Indian talent, and the entire ecosystem surrounding drone technology is flourishing, creating sustainable employment opportunities in engineering, design, R&D, and manufacturing.

We are also engaging with government bodies, industry experts, and thought leaders to help set the standards and regulatory frameworks that will make India a world leader in drone technology. We believe that with collaborative efforts, we can build a strong foundation for the future, ensuring that Indian drones are not only trusted but sought after globally.

Now is the time to innovate, scale up, and create a sustainable drone ecosystem that will contribute to India's growth story. We invite you to join us in this exciting journey and take part in shaping the future of drones.

Together, let's build a world-class drone industry that reflects the spirit of **Make in India**, propels technological progress, and elevates India's position on the global stage.


Research and Development Center
7000 SFt at IITH


Design Center


Manufacturing Complex
100000 Sq. Ft

Pankaj Akula
Group Managing Director
& Chief Technologist
AKSI Aerospace Group

OUR TEAM

Mr. Pankaj Akula
Group Managing Director
& Chief Technologist

Dr. Swati Sinha
Co-Founder
& Chief Innovation Officer

Mr. Archit Chandak
Group
Executive Director

Mr. Ami Harel
Group Chief Strategy Officer - Global

Major General Atul Kaushik (Retd.)
Group Chief Strategy Officer
India

Mr. Praveena Kokrady
Group COO
COO LiHi Batteries, KKAP Autopilot

Mr. Vishal Sinha
Group Chief Business Officer

Dr. Saurabh Srivastava
Group Head Training
CEO Dronevation Industrial Drones

Dr. Aswani Kumar M
Group Head GIS
CEO Slatup Cargo Drones

Mr. Nagendra S V
Group Head Electronics
CEO Dronowl Cameras

Mr. Divyansh Bhatt
COO
Khetpilot AI Agri Drones, Roboclave Composites

Mr. Rosan Sahu
Co- COO
Roboclave Composites

Contact Us

+91-93419 71308
+91-84509 61308

business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

REVOLUTIONIZING AVIATION WITH INNOVATIVE DRONE TECHNOLOGY

Pioneering Excellence in UAV Technology Worldwide

ABOUT US

AKSI Aerospace is a leading UAV manufacturer in India, specializing in designing, developing, and manufacturing advanced unmanned aerial vehicles for **agriculture, infrastructure, energy and logistics applications.** With an in-house product development center, we provide cutting-edge, indigenous UAV solutions tailored for diverse sectors.

Our UAVs boast industry-leading specifications, positioning AKSI Aerospace as a dominant player in the **Indian Unmanned Aircraft Systems** (UAS) sector. With the largest operational deployment of indigenous UAVs in the country, we are recognized for our exceptional drone technology and data-driven solutions.

As a top drone manufacturer committed to the **Make in India** initiative, AKSI Aerospace is renowned for innovation and expertise in UAV technology. Our commitment to **indigenization** and excellence ensures we remain at the forefront of the industry, driving progress and setting benchmarks in drone technology across India.

OUR VERTICALS

01

AGRICULTURAL DRONES

Agriculture AI Drones leads the way in revolutionizing farming with advanced drones for precision seeding, spraying, and crop monitoring.

02

INDUSTRIAL DRONES

Our Industrial UAV drones are designed for construction, inspection, maintenance, and security, enhancing safety and efficiency across various applications.

03

CARGO DRONES

Our cargo drones provide a sustainable solution for faster, greener freight transport with advanced navigation and strong carrying capacity, reducing carbon emissions.

04

DRONE SUBSYSTEMS

AKSI Aerospace manufactures high-performance drone subsystems, including batteries, cameras, autopilots, BMS systems, chargers, and propulsion systems, enhancing UAV performance for security and defense applications.

05

DRONE TRAINING

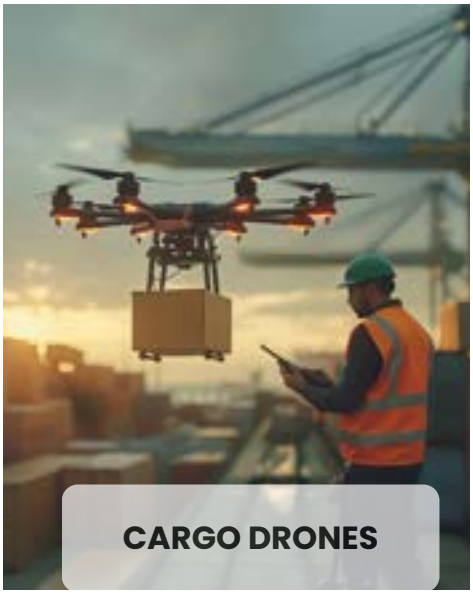
AKSI Aerospace offers expert drone pilot & development training, featuring hands-on flying, simulator sessions, & online courses.

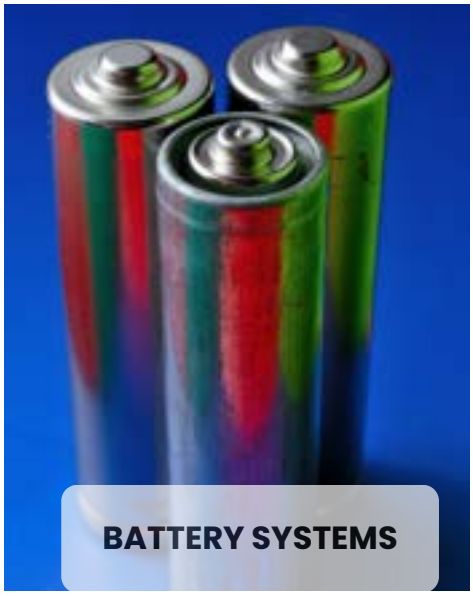
Contact Us

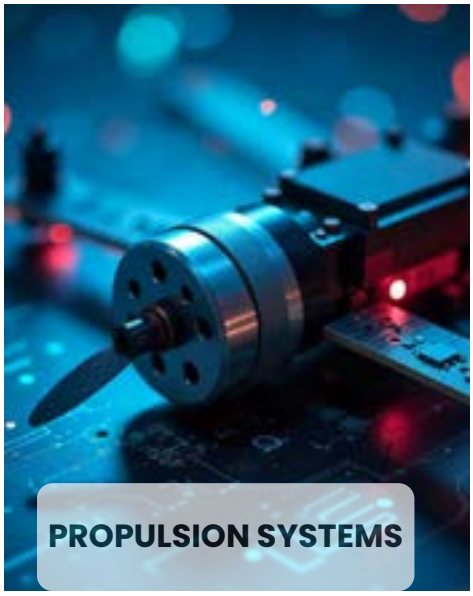
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

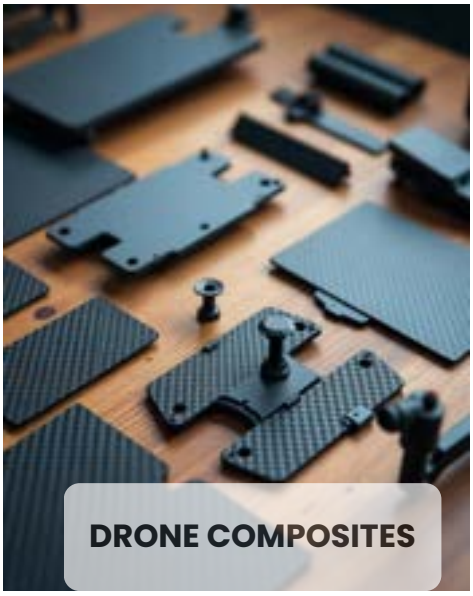
AKSI AEROSPACE GROUP

OUR VERTICALS









Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

OUR FACILITIES

Our state-of-the-art facility is designed to support a wide range of operations, featuring specialized laboratories dedicated to various processes within the company. Each lab adheres to stringent safety standards, ensuring a secure environment while following established Standard Operating Procedures (SOPs) for every operation. Our manufacturing facility is equipped with multiple advanced machines specifically for UAV structure development, allowing us to innovate and produce high-quality components efficiently. Additionally, our composite manufacturing area includes desktop autoclaves and an array of layup equipment and tools, enabling precise and effective production. The facility also encompasses designated office spaces, manufacturing zones, and laboratories, creating a comprehensive environment that fosters collaboration and excellence.

ESTABLISHED PRODUCTION CAPACITY OF 10000 DRONE UNITS PER MONTH

LABS

3D Printing Technology
Electronic Assembly Stations
Quality Control Equipment
Battery Labs
Desktop Autoclaves

SOLUTIONS

Advanced Prototyping
Custom UAV Structures
Composite Manufacturer
Specialized Assemblies

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

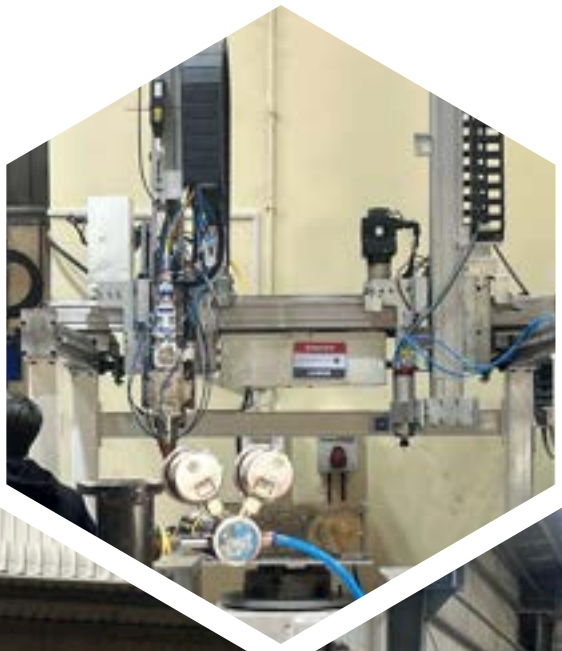
RESEARCH AND DEVELOPMENT FACILITY

R&D facility
with the capacity to
accommodate over
150 engineers

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

MANUFACTURING FACILITY 1

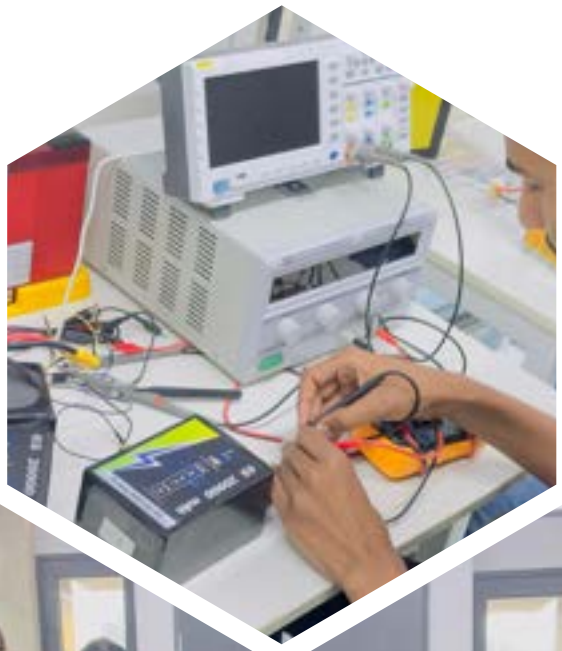


UNIT 1

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

MANUFACTURING FACILITY 2


UNIT 2

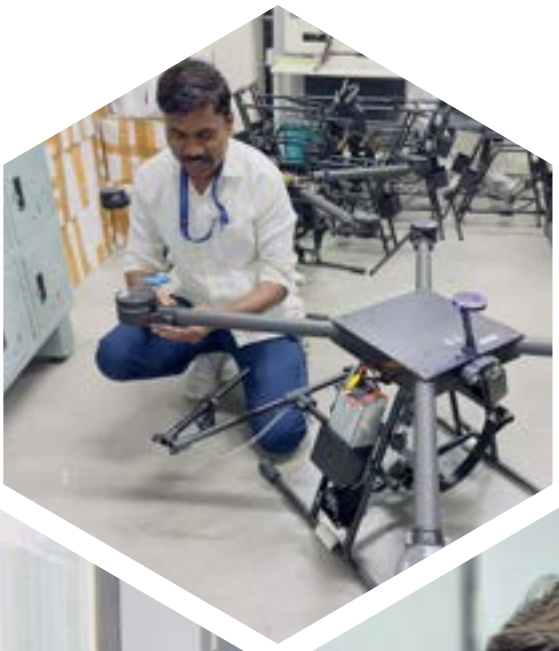




Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

SERIAL PRODUCTION UNIT





Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

KHETPILOT AI AGRI DRONES

DRONEVATION INDUSTRIAL AI DRONES

SLATUP CARGO DRONES

KKAP DRONE AUTOPILOT

LIHI SMART BATTERIES

MOTOPROPEL TECHNOLOGIES

DRONOWL MICRO STABILISED CAMERAS

ROBOCLAVE COMPOSITES

AKSI DRONE ACADEMY

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI
AEROSPACE GROUP

KhetPilot

KHETPILOT AI AGRI DRONE TECH

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

KHETPILOT AI AGRI DRONES

KhetPilot

About Us

KhetPilot AI Agri Drones leads the way in modernizing agriculture with advanced UAV technology. We specialize in manufacturing sprayer, seeder, and crop monitoring drones equipped with multispectral and hyperspectral cameras. Our mission is to provide top-tier agricultural drones that streamline farming operations and boost productivity through precision farming solutions.

Why Choose Khetpilot

Economic Empowerment

Drones empower agricultural economies by boosting productivity, precision, and efficiency in crop management and farming operations.

Sustainability

Drones enhance agricultural sustainability by optimizing resource use, reducing waste, and improving precision in crop management.

Drone Technology Innovation

Drone technology is revolutionizing agriculture by enhancing precision farming, optimizing crop monitoring, and improving resource efficiency.

Our Services

SPRAYING SERVICES

- Enhanced Safety
- Efficiency Boost
- Resource Optimization

SEEDING SERVICES

- Accurate Seed Placement
- Efficient Coverage
- Uniform Crop Growth

CROP MONITORING

- Early Issue Detection
- Data-Driven Decision Making
- Enhanced Yield

PRECISION AGRICULTURE

- Smart Decision Making
- Exact Use of Resources
- Remote Monitoring & Control
- Sustainable Farming

Contact Us

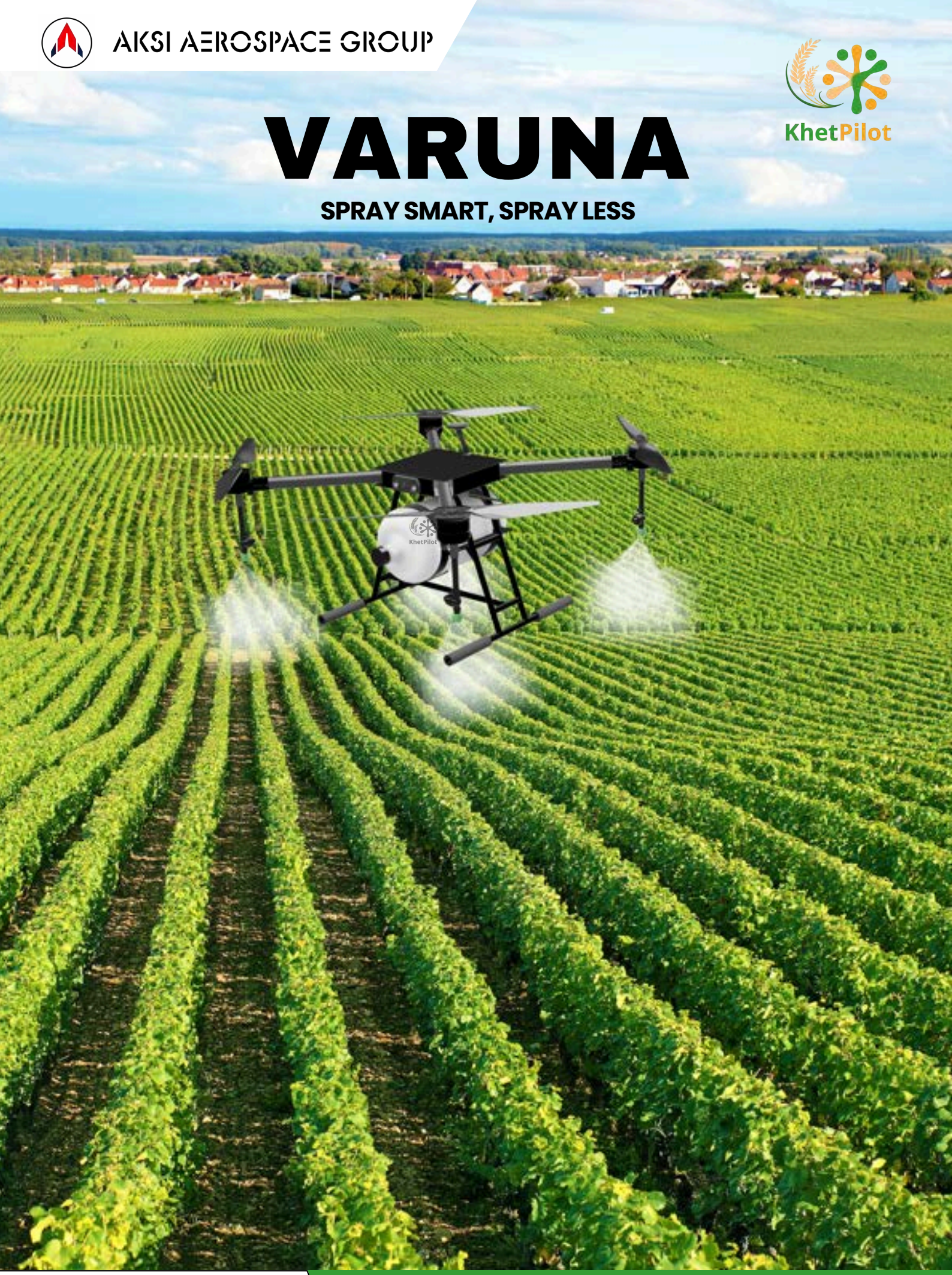
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

KhetPilot

VARUNA

SPRAY SMART, SPRAY LESS



Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

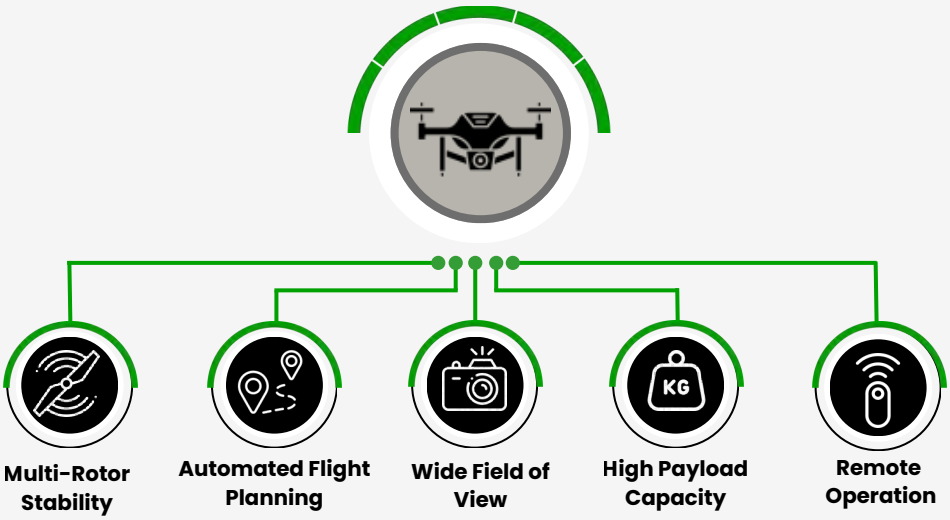
KhetPilot

VARUNA

SPRAY SMART, SPRAY LESS

Introducing Varuna, the advanced drone designed to revolutionize spraying tasks with up to 10 litres capacity for extensive, efficient coverage. Boost productivity, save time and money with this cost-effective solution.

KEY FEATURES



APPLICATIONS

- PRECISION AGRICULTURE
- TARGETED PEST CONTROL
- FERTILIZER APPLICATION
- HERBICIDE APPLICATION
- CHALLENGING TERRAIN ACCESSIBILITY
- LABOR COST REDUCTION

TECHNICAL SPECIFICATIONS

MAX FLIGHT TIME	15 minutes (with full load)
CONTROL RANGE	Up to 500 metres
MAXIMUM TAKE OFF WEIGHT	25 Kilograms
TANK CAPACITY	10 litres
MAX FLIGHT SPEED	8 m/s
WIND RESISTANCE	Up to 10 m/s

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

KhetPilot

INDRA

FUTURE OF FARMING WITH OUR INNOVATIVE DRONE TECHNOLOGY

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

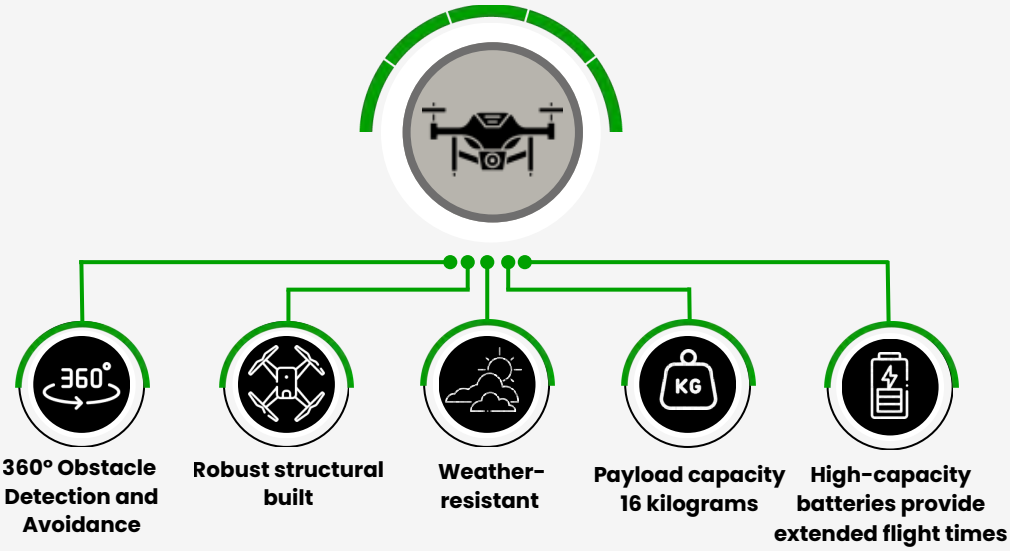
KhetPilot

INDRA

FUTURE OF FARMING WITH OUR INNOVATIVE DRONE TECHNOLOGY

Introducing Indra, a cutting-edge agricultural innovation with advanced sensors for safe navigation and an intuitive control system. Indra maximizes crop treatment efficiency, boosting productivity and sustainability in modern farming.

KEY FEATURES



APPLICATIONS

- LARGE-SCALE FARMING EFFICIENCY
- TIME-SAVING OPERATIONS
- VARIABLE RATE SPRAYING
- ORGANIC CROP PROTECTION
- RAPID EMERGENCY RESPONSE
- NUTRIENT AND PEST SPRAYING

TECHNICAL SPECIFICATIONS

MAX FLIGHT TIME	28 minutes (with full load)
CONTROL RANGE	Up to 1 Kilometre
MAXIMUM TAKE OFF WEIGHT	32 kilograms
TANK CAPACITY	16 Litres
MAX FLIGHT SPEED	15 m/s
WIND RESISTANCE	Up to 10 m/second

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

KhetPilot

ARANYA

THE ULTIMATE DRONE FOR EFFECTIVE SEED DISTRIBUTION

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

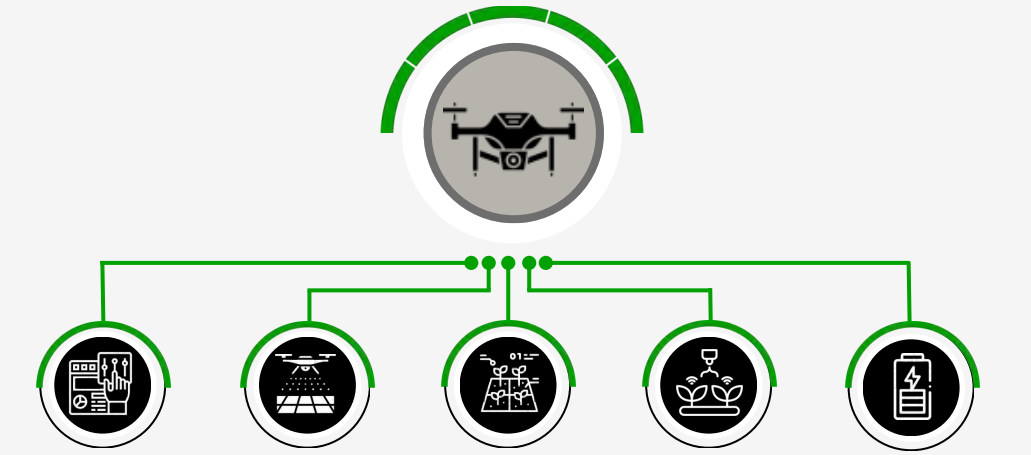
KhetPilot

ARANYA

THE ULTIMATE DRONE FOR EFFECTIVE SEED DISTRIBUTION

Aranya is an advanced drone solution for afforestation, capable of carrying 10 kg of seeds and spreading them evenly for optimal growth. With smart safety features, user-friendly controls, and a robust design, it's perfect for sustainable environmental projects globally.

KEY FEATURES



- Intuitive control systems and user interfaces
- Simplifies seeding mission planning, execution, and monitoring
- Precision Seeding Technology
- Automated seed dropping at set intervals
- High-capacity batteries provide extended flight times

APPLICATIONS

- PRECISION CROP PLANTING
- TERRAIN AGRICULTURE
- LARGE-SCALE FARMING EFFICIENCY
- PASTURE RESTORATION
- LARGE-SCALE REFORESTATION PROJECTS
- AGROFORESTRY INITIATIVES

TECHNICAL SPECIFICATIONS

MAX FLIGHT TIME	25 minutes (with full load)
CONTROL RANGE	Up to 5 Kilometres
PAYLOAD WEIGHT	10 kilograms
TANK CAPACITY	10 kilograms
MAX FLIGHT SPEED	12 m/s
WIND RESISTANCE	Up to 10 m/s

Contact Us

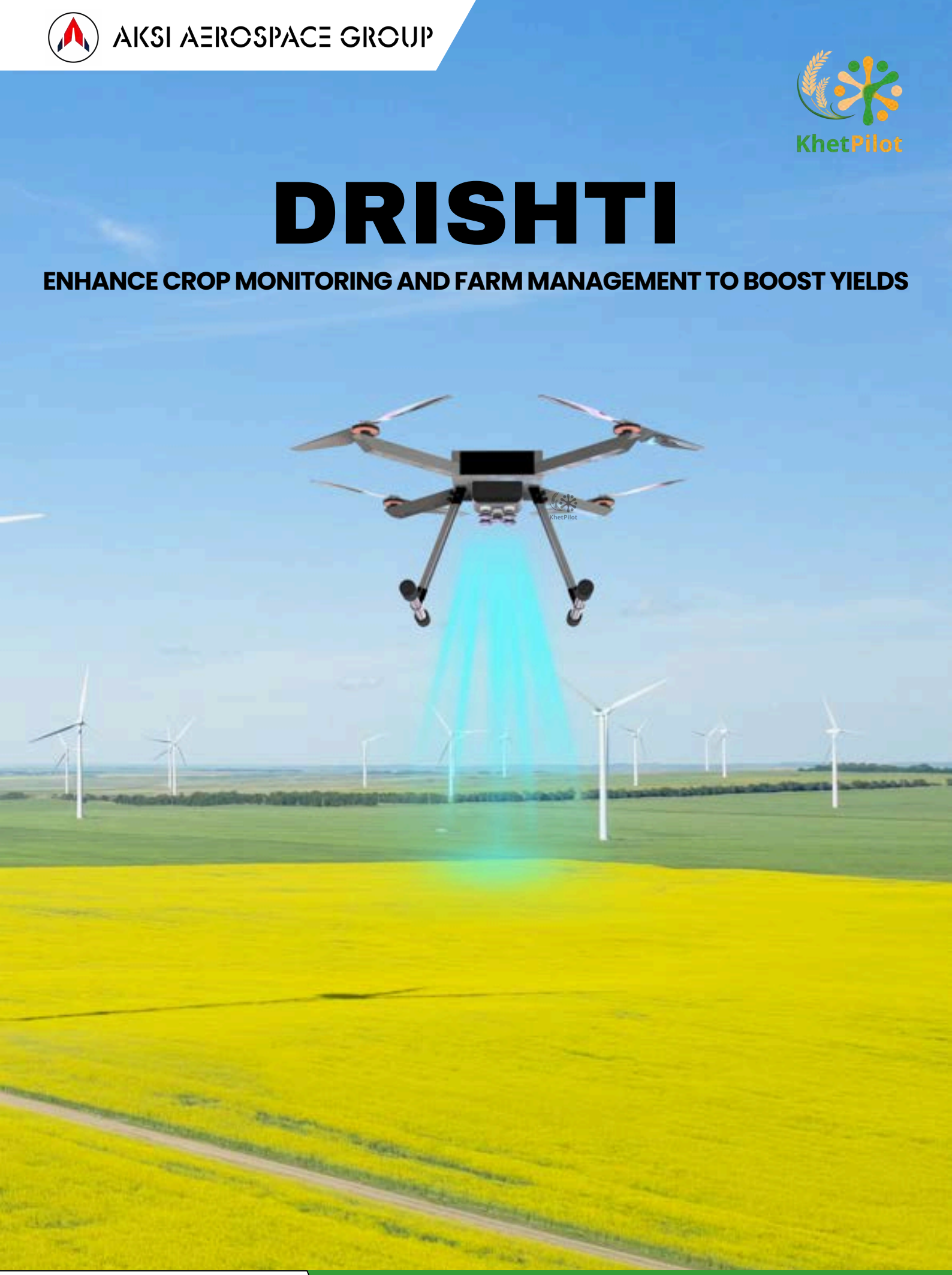
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

KhetPilot

DRISHTI

ENHANCE CROP MONITORING AND FARM MANAGEMENT TO BOOST YIELDS



Contact Us

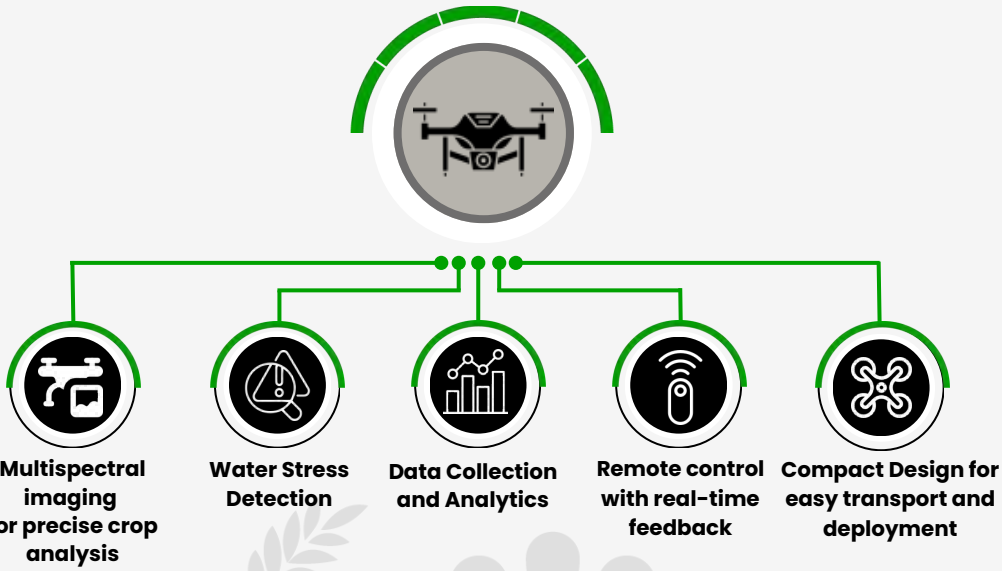
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

DRISHTI

ENHANCE CROP MONITORING AND FARM MANAGEMENT TO BOOST YIELDS

Drishti is a cutting-edge multispectral camera drone that provides detailed crop health data, enabling farmers to optimize yields and manage crops efficiently. Its advanced technology offers precise insights for improved farm management and productivity.

KEY FEATURES



APPLICATIONS

- CROP YEILD MONITORING
- SOIL MOISTURE ASSESSMENT
- LARGE-SCALE FARMING EFFICIENCY
- YIELD ESTIMATION
- WEED IDENTIFICATION
- PEST AND DISEASE DETECTION

TECHNICAL SPECIFICATIONS

MAX FLIGHT TIME	1 hour
CONTROL RANGE	Up to 5 kilometres
PAYLOAD WEIGHT	1 kilogram
OBSTACLE AVOIDANCE	Yes, multi-directional sensors
MAX FLIGHT SPEED	20 m/ second
WIND RESISTANCE	Up to 10 m/s

Contact Us

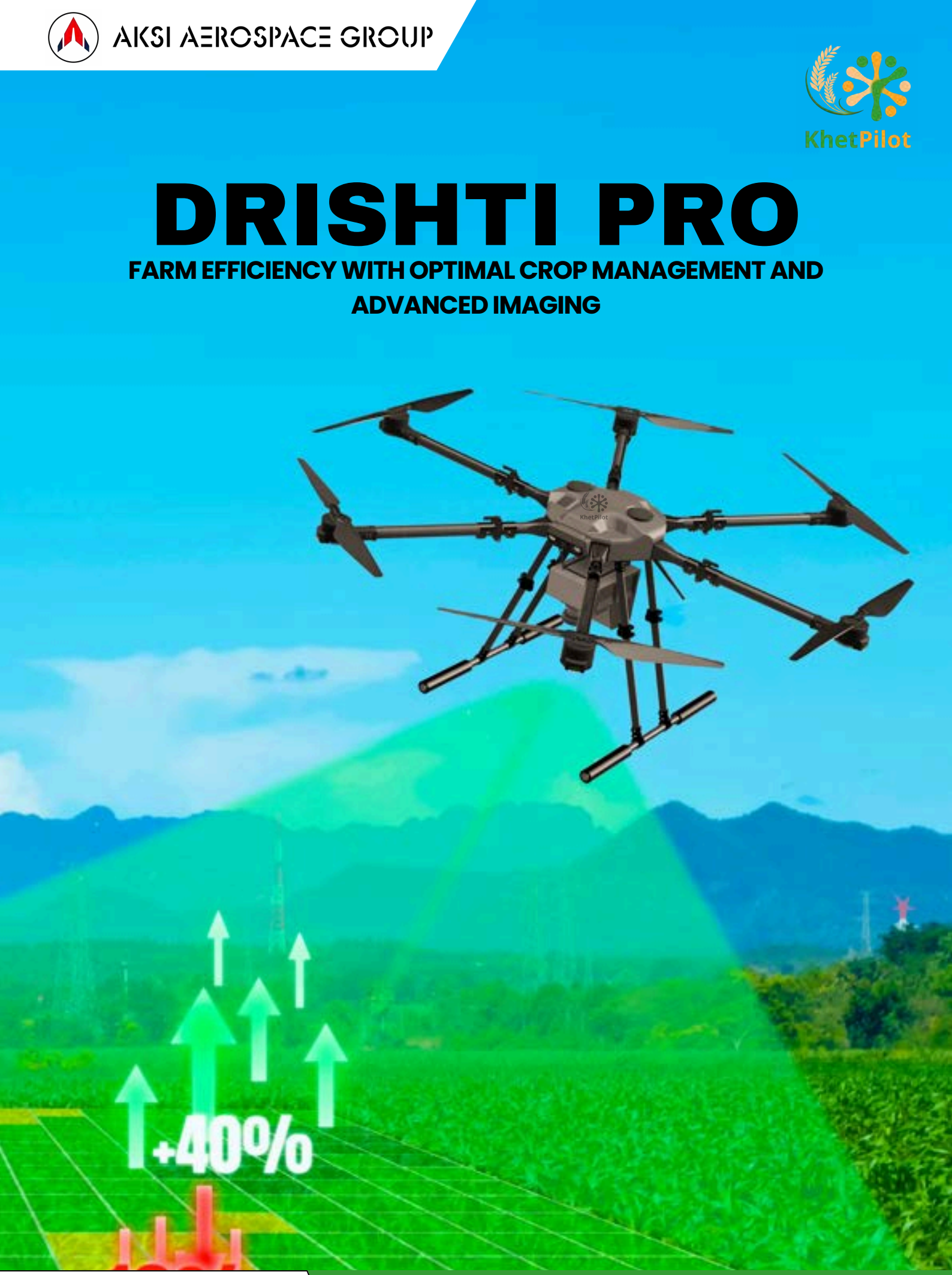
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

KhetPilot

DRISHTI PRO

FARM EFFICIENCY WITH OPTIMAL CROP MANAGEMENT AND ADVANCED IMAGING



Contact Us

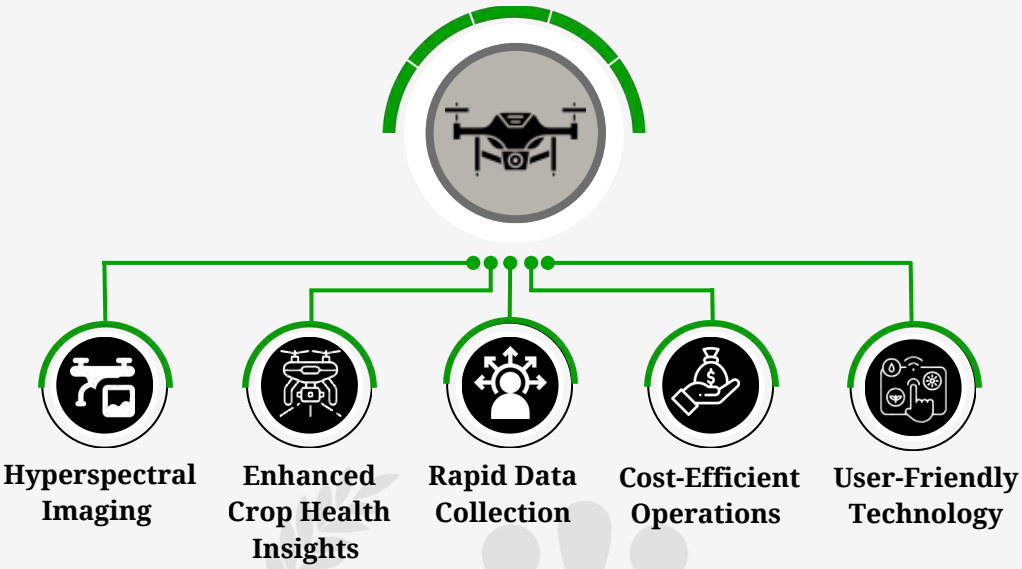
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

DRISHTI PRO

FARM EFFICIENCY WITH OPTIMAL CROP MANAGEMENT AND ADVANCED IMAGING

Drishti Pro uses advanced hyperspectral imaging to provide precise crop monitoring, helping farmers optimize yields and adopt sustainable practices.

KEY FEATURES



APPLICATIONS

- CROP HEALTH ASSESSMENT
- NUTRIENT DEFICIENCY IDENTIFICATION
- LARGE-SCALE FARMING EFFICIENCY
- PRECISION AGRICULTURE
- CROP CLASSIFICATION
- YIELD PREDICTION

TECHNICAL SPECIFICATIONS

MAX FLIGHT TIME	90 minutes
CONTROL RANGE	Up to 15 kilometres
DATA ANALYTICS PLATFORM	Onboard processing
OBSTACLE AVOIDANCE	Yes, multi-directional sensors
MAX FLIGHT SPEED	20 m/ second
WIND RESISTANCE	Up to 10 m/s

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

APPLICATION

SPRAYING APPLICATION

Agriculture drone spraying services revolutionize modern farming by enhancing productivity and sustainability. They cover large areas quickly, saving time and labor while ensuring precise application of fertilizers and pesticides with GPS technology. Drones are ideal for challenging terrains, improving efficiency where traditional equipment falls short. These services enhance safety by reducing human exposure to chemicals and minimize environmental impact through targeted spraying.

UNDERSTANDING THE CHALLENGES

Agriculture is the backbone of the Indian economy, employing nearly 46% of the population and contributing 15% to the GDP in 2023. Despite this, Indian agriculture faces major challenges. Traditional methods like manual spraying often result in uneven distribution, impacting crop health. The ongoing labor shortage, driven by rural-to-urban migration, is a major issue.

HOW OUR DRONES ARE USEFUL FOR YOU

Our drones are designed for precise agrochemical distribution. With GPS-guided navigation and varying payload capacities—10L for small farms, 16L for medium, and 50L for large operations—they cater to diverse needs. User-friendly controls and automated flight plans simplify operations. By leveraging our drones, farmers can enhance productivity, reduce chemical waste, and achieve sustainable farming.

HOW OUR COMPANY IS STRIVING TO OFFER THE BEST

We prioritize customer success through innovation and continuous improvement. Our drones feature the latest technology, supported by comprehensive training, maintenance, and customization services. Our dedicated customer service ensures ongoing support, while we actively gather feedback to refine our products. Our approach ensures that our drones are valuable partners in modern farming.

OUR SINCERE MESSAGE

Just as mobile phones and the internet transformed daily life, drones will revolutionize farming. Initially met with hesitation, mobile phones and the internet are now indispensable. Similarly, agricultural drones will make farming more efficient, accurate, and cost-effective. We believe that drones will soon become essential tools, helping farmers achieve better yields and ease farm management. We are committed to providing end-to-end drone solutions to support farmers in this new era of agriculture.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

APPLICATION

SEEDING APPLICATION

Agriculture drone seeding services offer an efficient and sustainable solution to modern farming. They cover large areas quickly, reducing time, labor, and operational costs. Using GPS technology, drones ensure uniform seed distribution, optimizing growth and minimizing wastage. Ideal for challenging terrains, such as slopes and waterlogged areas, drones outperform traditional equipment. They minimize soil disturbance, preserving its structure and promoting healthier ecosystems. By automating seeding, drones reduce physical strain on farmers and support eco-friendly practices. These services make farming more efficient, cost-effective, and environmentally responsible.

UNDERSTANDING THE CHALLENGES

In Indian agriculture, sowing seeds efficiently is a recurring challenge. Uneven seed placement leads to poor crop growth and low yields. Manual seeding methods, though traditional, demand high labor and often lack precision. With increasing labor shortages and the pressure to boost productivity, farmers like you need innovative tools to ease this burden and maximize output.

WHAT MAKES OUR DRONES RIGHT FOR YOU

Our seeding drones make farming easier with a 10 kg payload for even seed distribution across any field size. They are simple to operate, thanks to user-friendly controls and automated systems. Designed for precision, they perform seamlessly in open fields or remote terrain. Save time, reduce costs, and enhance crop quality effortlessly. Choose smarter farming with our reliable drones.

HOW WE SUPPORT YOU AT EVERY STEP

We know that adopting new technology can feel overwhelming, and that's why we stand by you from day one. From training you on how to use our drones to providing regular maintenance and tailored solutions, we ensure you never feel alone in your journey. Your success is our priority, and we continuously refine our products based on your feedback to meet your needs better.

OUR SINCERE MESSAGE

Farming is evolving, and so can you. Drones aren't just machines; they're your partners in overcoming everyday challenges. Like how tractors replaced bullocks and revolutionized farming, seeding drones will simplify sowing. They are here to help you work smarter, grow better crops, and stay ahead in today's competitive market. Let us help you take the first step toward this exciting future of farming.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

APPLICATION

CROP MONITORING APPLICATION

Agriculture drone crop monitoring revolutionizes farming by improving efficiency and productivity. Equipped with advanced cameras and sensors, drones provide real-time data and high-resolution images to monitor crop health precisely. They detect early signs of pests, diseases, or nutrient deficiencies, enabling timely interventions and reducing losses. Drones cover large fields quickly, saving time and labor, especially in inaccessible areas. By analyzing soil conditions, moisture, and plant growth, they support data-driven decisions for better yields. Targeted treatments reduce resource wastage and promote eco-friendly practices. This technology ensures smarter farming, healthier crops, and sustainable agriculture.

UNDERSTANDING THE CHALLENGES

India ranks second globally in farming area but only 58th in agricultural productivity. Despite vast farmlands, farmers face low yields due to traditional methods and lack of technology. Most rely on visual inspections for crop health, which are slow, error-prone, and miss early signs of stress. Soil testing is rare, leading to inefficient fertilizer use. These challenges limit potential, causing lower yields and higher costs, keeping India behind global standards.

HOW OUR DRONES HELP YOU

Our drones use advanced cameras to detect early crop stress and analyze soil health. They create detailed maps of moisture, nutrients, and problem areas, enabling timely, precise actions. Farmers save time and money with accurate, real-time insights. Designed for simplicity and efficiency, our drones enhance yields, reduce waste, and modernize farming practices to overcome India's productivity challenges.

HOW WE SUPPORT YOU AT EVERY STEP

We offer a hassle-free crop monitoring service where farmers receive detailed crop and soil health analysis without the need to operate drones themselves. Our expert team handles everything—from drone operations to data collection and analysis. We ensure top-notch service, providing farmers with accurate insights to help them make informed decisions. With continuous support and regular updates, we focus on delivering precise, actionable data to enhance productivity and optimize farming practices.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

APPLICATION

PRECISION AGRICULTURE

Agriculture drones revolutionize precision agriculture by enhancing efficiency and sustainability. Using advanced sensors, they provide real-time data on soil health, moisture, and crop conditions, enabling informed decision-making. Drones ensure targeted application of water, fertilizers, and pesticides, reducing resource wastage and costs. They perform rapid field surveys, saving time and labor, especially in large or remote areas. Early detection of issues like pests or nutrient deficiencies allows timely interventions to prevent crop losses. With improved accuracy and eco-friendly practices, drones help optimize yields, enhance productivity, and promote sustainable farming.

UNDERSTANDING THE CHALLENGES

India has one of the largest farming areas in the world, but its agricultural productivity ranks far behind global standards. Despite vast lands, farmers still face inefficiencies due to outdated methods, such as uneven irrigation and improper fertilizer usage. The lack of accurate data on crop health and soil conditions leads to suboptimal farming practices, resulting in lower yields and higher costs. This limits the potential of India's agriculture and keeps farmers from achieving their full productivity.

HOW OUR PRECISION AGRICULTURE SERVICE HELPS YOU

Our precision agriculture service leverages advanced technology to provide real-time, accurate data on soil health, crop conditions, and environmental factors. Using drones, sensors, and satellite imagery, we generate detailed insights to help you apply water, fertilizers, and pesticides precisely where needed. This targeted approach reduces waste, lowers costs, and boosts yields by ensuring that each crop gets the optimal care it needs at the right time.

HOW WE SUPPORT YOU AT EVERY STEP

We handle all aspects of the precision agriculture process—from drone operations and data collection to analysis and reporting. Farmers receive detailed, actionable insights without needing to operate the drones themselves. Our expert team ensures that the technology is utilized to its full potential, delivering accurate information and helping farmers make informed decisions to enhance crop performance, increase efficiency, and improve overall productivity.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI
AEROSPACE GROUP

DRONEVATION
INDUSTRIAL DRONES

DRONEVATION INDUSTRIAL AI DRONES

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

DRONEVATION INDUSTRIAL AI DRONES

DRONEVATION
INDUSTRIAL DRONES

About Us

Dronevation is your gateway to the future of industrialization, where drones take center stage in transforming operations. Harnessing the power of cutting-edge UAV technology, we deliver innovative, drone-based solutions that elevate efficiency, enhance safety, and unlock new productivity levels. Our tailored services are designed to streamline workflows, empowering enterprises to soar above the competition. At Dronevation, we don't just deploy drones we revolutionize industries, drive innovation, and set a new standard for sustainable, drone-powered business solutions.

Why Choose Dronevation

Innovative Technology

Experience the future with our cutting-edge drone solutions that integrate the latest advancements in UAV technology.

Tailored Solutions

Benefit from customized drone services designed specifically to meet your enterprise's unique needs and challenges.

Safety and Reliability

Drone technology is revolutionizing agriculture by enhancing precision farming, optimizing crop monitoring, and improving resource efficiency.

Industry Revolution

Partner with us to stay ahead of the curve, as we continuously innovate to transform industries and drive positive change.

Expertise and Support

Rely on our team of professionals for comprehensive support, from initial consultation to ongoing maintenance and technical assistance.

Our Services

AERIAL CINEMATOGRAPHY

- High-resolution 4K and 1080p
- Intelligent flight modes for dynamic shots

MAPPING AND SURVEYING

- GPS-enabled drones for detailed mapping
- Ensuring accurate and efficient data collection

INSPECTIONS

- Innovative UAV systems designed for efficient inspection
- Create immersive virtual tours
- Multiple purpose operations

SURVEILLANCE AND SECURITY

- Real-time video
- HD cameras
- Thermal imaging
- Professional surveillance

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

DRONEVATION
INDUSTRIAL DRONES

SKYWING-90

ENDURANCE REDEFINED IN FLIGHT!

Contact Us

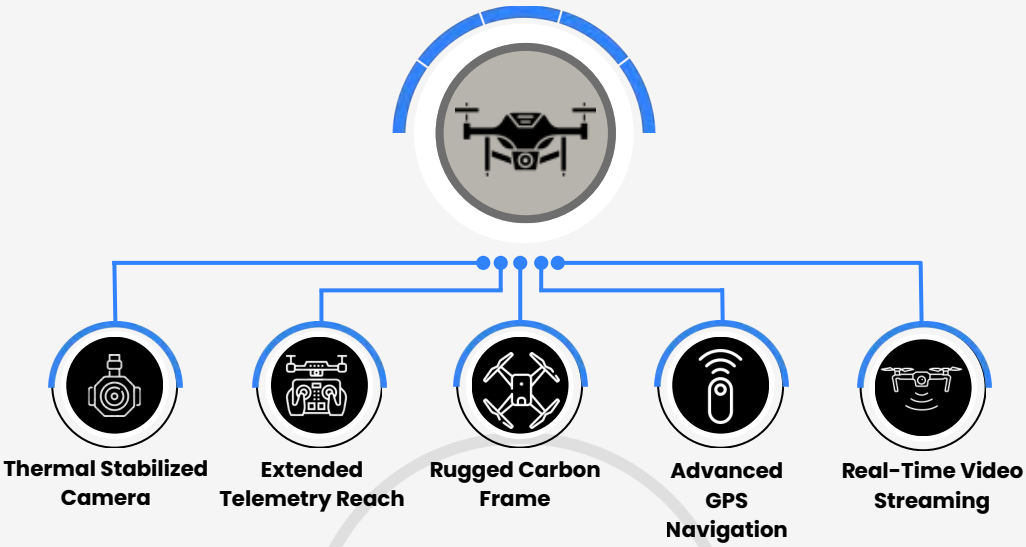
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

SKYWING-90

ENDURANCE REDEFINED IN FLIGHT!

Skywing-90 is a high-endurance quad-copter designed for military-grade reconnaissance and surveillance With robust features, advanced stabilization, and cutting-edge camera technology, it's built to perform in the most challenging conditions.

KEY FEATURES



APPLICATIONS

- SEARCH AND RESCUE OPERATIONS
- BORDER SURVEILLANCE
- LONG RANGE OPERATIONS
- TARGET TRACKING
- MILITARY OPERATIONS
- OPERATIONAL RECONNAISSANCE

TECHNICAL SPECIFICATIONS

MAX FLIGHT TIME	90 minutes (with full load)
CONTROL RANGE	Up to 6000 Meters
PAYLOAD WEIGHT	100 grams - 1 kilograms
MAX FLIGHT SPEED	15 m/s
WIND RESISTANCE	Up to 15 Knots
MAX TAKEOFF WEIGHT	Up to 10 m/s

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

DRONEVATION
INDUSTRIAL DRONES

RAVEN

UNMATCHED VERSATILITY, UNCOMPROMISED PERFORMANCE

Contact Us

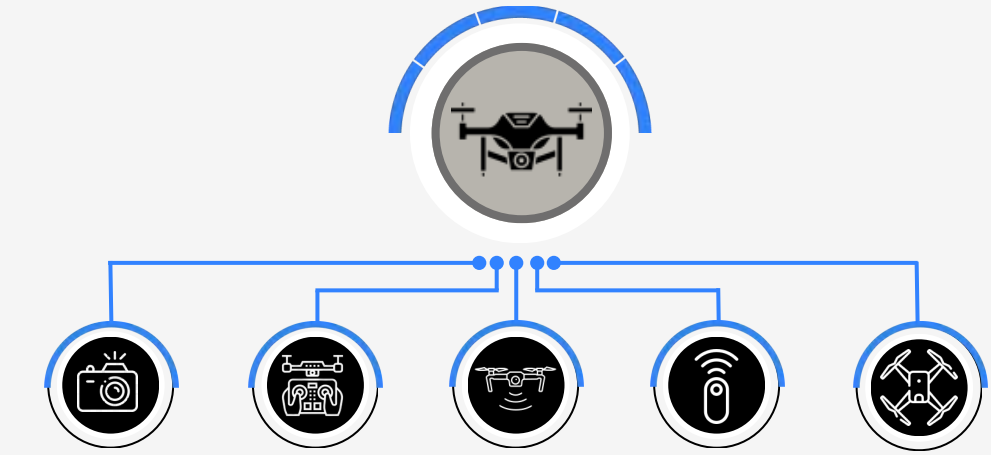
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

RAVEN

UNMATCHED VERSATILITY, UNCOMPROMISED PERFORMANCE

raven is a high-performance, carbon fiber UAV designed for autonomous operations in various fields like military, disaster management, and monitoring. It supports devices like FPV and thermal cameras, delivering reliable performance in tough conditions.

KEY FEATURES



- Stunning 4K camera for exceptional detail capture
- Long-range control with reliable navigation
- Stable flight with GPS and altitude hold
- Remote control
- Ultra-portable design for travel convenience

APPLICATIONS

- AERIAL INSPECTION
- CONSTRUCTION AND INFRASTRUCTURE INSPECTION
- SURVEYING AND MAPPING
- INFRASTRUCTURE MAINTENANCE
- LARGE-SCALE CONSTRUCTION PROJECTS
- MANUFACTURING FACILITIES SURVEY

TECHNICAL SPECIFICATIONS

MAX PAYLOAD WEIGHT 350 grams	**MAX FLIGHT TIME** Up to 40 minutes (All up weight)
MAX FLIGHT SPEED 20 m/s	**OPERATING ALTITUDE** Up to 4000 ft
OPERATING TEMPERATURE -10°C to 40°C	**WIND RESISTANCE** Up to 20 Knots
FLIGHT MODES Autonomous & Loiter Mode	**BATTERY TYPE** Lithium Polymer (LiPo)
BATTERY CAPACITY 8000 mAh	**CHARGING TIME** 45 minutes

Contact Us

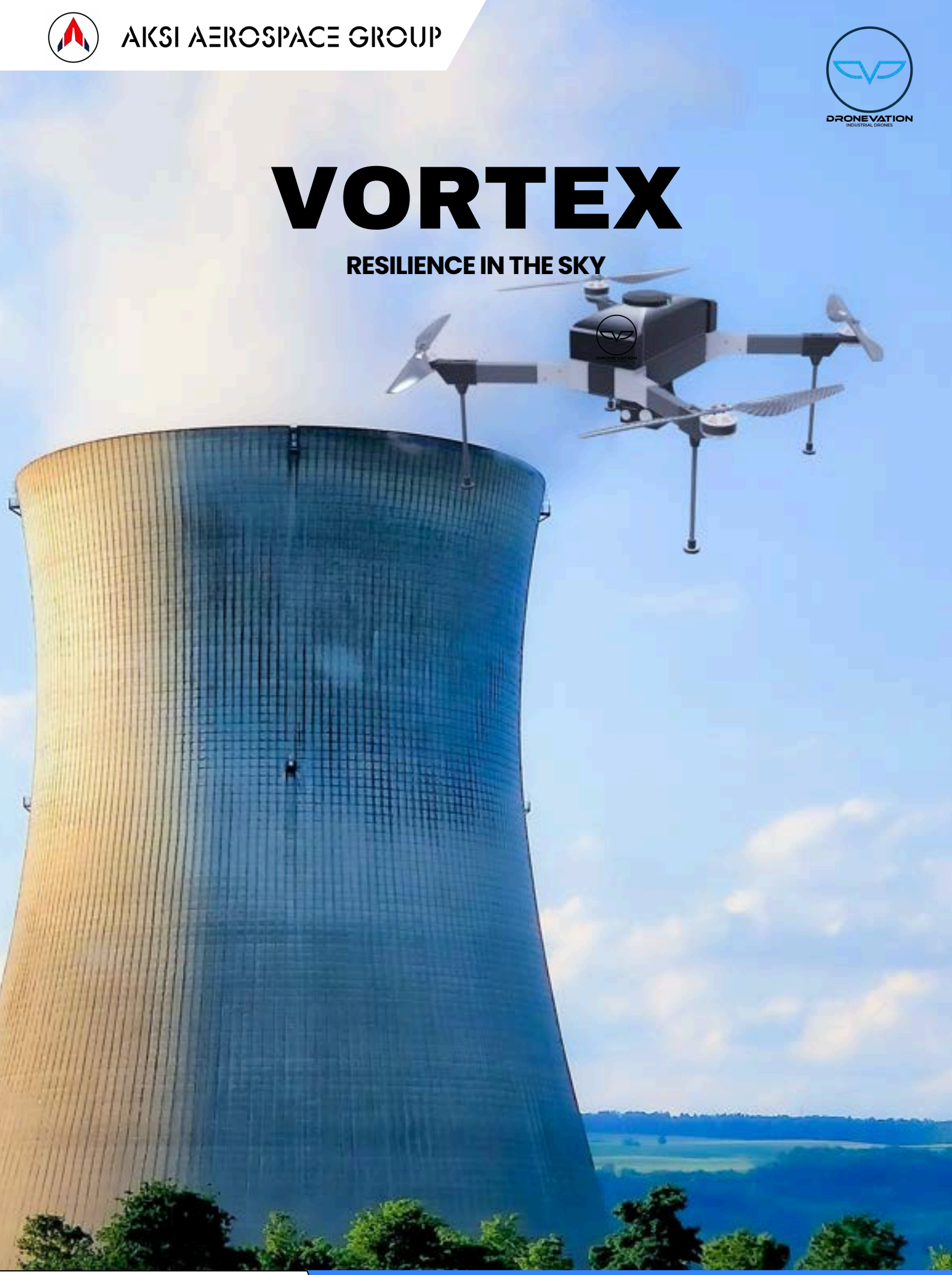
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

DRONEVATION
INDUSTRIAL DRONES

VORTEX

RESILIENCE IN THE SKY



Contact Us

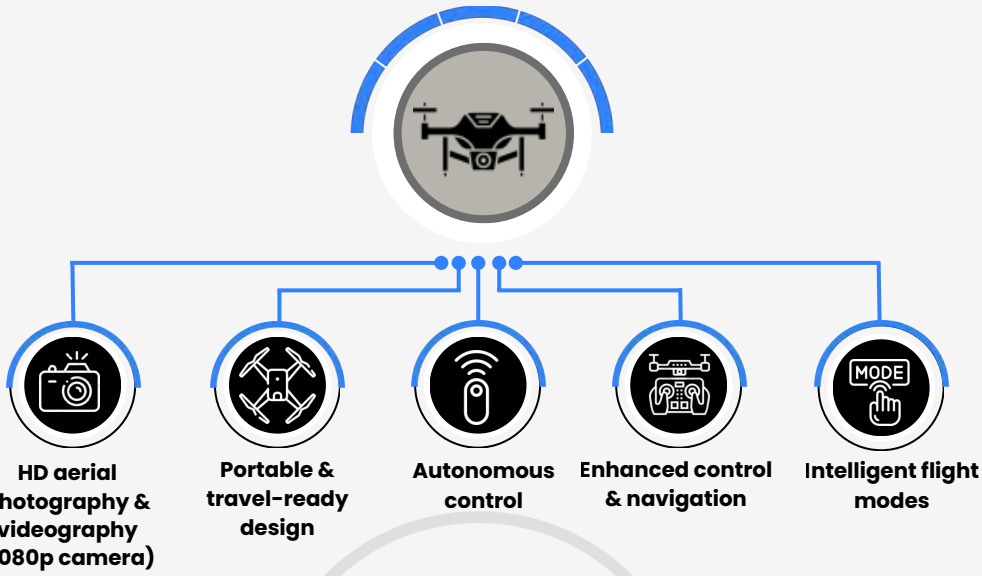
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

VORTEX

RESILIENCE IN THE SKY

Vortex is a lightweight, compact UAV designed for exceptional performance, endurance, and resilience against high winds with powerful rotors. It operates autonomously, ensuring reliability and structural integrity in challenging conditions.

KEY FEATURES



- **HD aerial photography & videography (1080p camera)**
- **Portable & travel-ready design**
- **Autonomous control**
- **Enhanced control & navigation**
- **Intelligent flight modes**

APPLICATIONS

- ECOLOGICAL SURVEYS
- STRUCTURAL HEALTH MONITORING
- PRECISION LAND SURVEYING
- AERIAL PHOTOGRAPHY
- SOLAR PANEL INSPECTION
- POWER LINE MONITORING

TECHNICAL SPECIFICATIONS

MAX PAYLOAD WEIGHT 400 grams	**MAX FLIGHT TIME** Up to 30 minutes (All Up weight)
MAX FLIGHT SPEED 20 m/s	**OPERATING ALTITUDE** Up to 6000 ft
OPERATING TEMPERATURE -10°C to 40°C	**WIND RESISTANCE** Up to 20 Knots
FLIGHT MODES Autonomous & Loiter Mode	**BATTERY TYPE** Lithium Polymer (LiPo)
BATTERY CAPACITY 10000 mAh	**CHARGING TIME** 45 minutes

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

DRONEVATION
INDUSTRIAL DRONES

V-EXTREME

REVOLUTIONIZING INDUSTRIAL INSPECTIONS

Contact Us

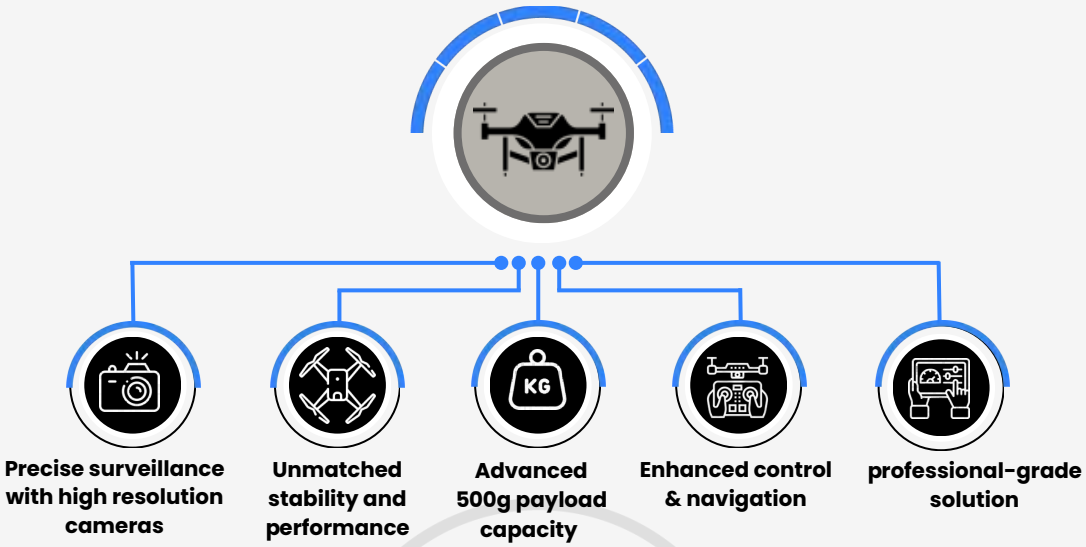
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

V-EXTREME

REVOLUTIONIZING INDUSTRIAL INSPECTIONS

V-Extreme is a high-performance surveillance drone with advanced sensors, high-resolution cameras, and real-time video for precise monitoring. Built for durability and efficiency, it's ideal for professional security operations.

KEY FEATURES



APPLICATIONS

- LAW ENFORCEMENT
- COASTAL AND MARITIME SURVEILLANCE
- EVENT SECURITY
- FOREST MONITORING
- INDUSTRIAL FACILITY INSPECTION
- BORDER SURVEILLANCE

TECHNICAL SPECIFICATIONS

MAX PAYLOAD WEIGHT 500 grams	**MAX FLIGHT TIME** Up to 40 minutes (All Up weight)
MAX FLIGHT SPEED 20 m/s	**OPERATING ALTITUDE** Up to 6000 ft
OPERATING TEMPERATURE -10°C to 40°C	**WIND RESISTANCE** Up to 20 Knots
FLIGHT MODES Autonomous & Loiter Mode	**BATTERY TYPE** Lithium Polymer (LiPo)
BATTERY CAPACITY 22000 mAh	**CHARGING TIME** 45 minutes

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

DRONEVATION
INDUSTRIAL DRONES

SENTINEL

THE APEX OF LONG-RANGE, HYBRID UAV SURVEILLANCE SOLUTIONS

Contact Us

+91-93419 71308
+91-84509 61308

business@aksiaerospace.com
www.aksiaerospace.com

SENTINEL

THE APEX OF LONG-RANGE, HYBRID UAV SURVEILLANCE SOLUTIONS

Sentinel is a high-endurance surveillance drone combining the long-range capabilities of a fixed-wing UAV with the flexibility of a multirotor. With HD cameras, thermal imaging, and robust design, it offers reliable, long-duration aerial surveillance for diverse missions.

KEY FEATURES

- Advanced surveillance with Sony RX1-RII, thermal imaging
- Reliable performance for critical infrastructure
- Robust design user-friendly interface
- 90-minute endurance long-range communication
- VTOL configuration for versatility

APPLICATIONS

- ENVIRONMENTAL MONITORING
- SEARCH AND RESCUE OPERATIONS
- MARITIME SURVEILLANCE
- GEOSPATIAL ANALYSIS
- OIL AND GAS INDUSTRY
- WILDLIFE MONITORING

TECHNICAL SPECIFICATIONS

MAX PAYLOAD WEIGHT 500 grams	**MAX FLIGHT TIME** up to 90 minutes (All Up weight)
MAX FLIGHT SPEED 22 m/s	**OPERATING ALTITUDE** Up to 6000 ft
OPERATING TEMPERATURE -10°C to 40°C	**WIND RESISTANCE** Up to 18 Knots
FLIGHT MODES Autonomous & Loiter Mode	**BATTERY TYPE** Lithium Polymer (LiPo)
BATTERY CAPACITY 12000 mAh	**CHARGING TIME** 45 minutes

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

DRONEVATION
INDUSTRIAL DRONES

MICRO RANGER

PRECISION IN EVERY PIXEL

Contact Us

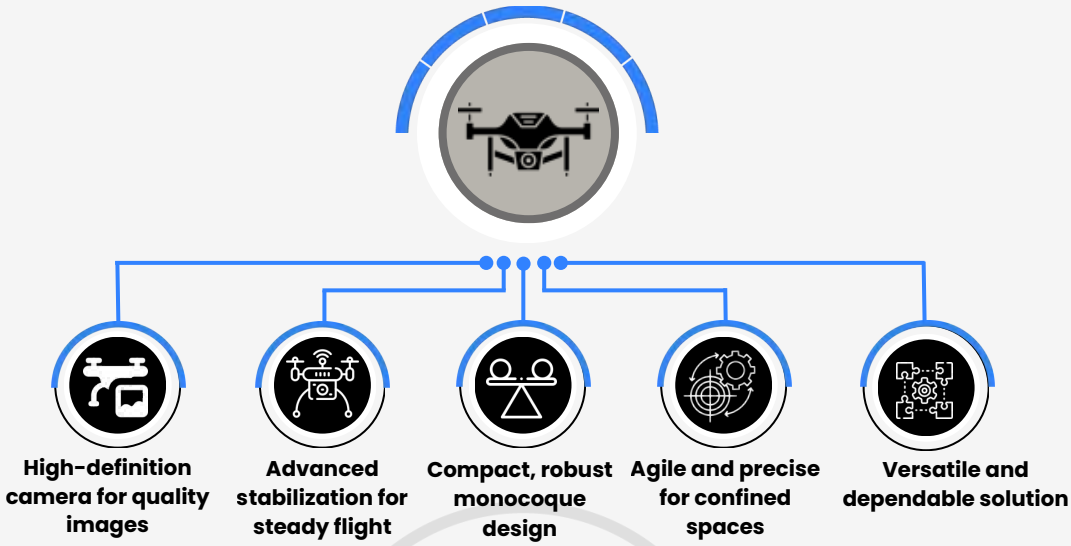
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

MICRO RANGER

PRECISION IN EVERY PIXEL

The Micro Ranger Drone offers unmatched agility and precision with its compact design, advanced stabilization, and high-definition camera for seamless surveillance. Ideal for both recreational and professional use, it ensures reliable performance in any environment.

KEY FEATURES



APPLICATIONS

- SITE PLANNING
- WIND TURBINE INSPECTION
- HABITAT MONITORING
- MINING OPERATIONS
- TOPOGRAPHIC SURVEYING
- SECURITY AND SURVEILLANCE

TECHNICAL SPECIFICATIONS

MAX PAYLOAD WEIGHT 350 grams	**MAX FLIGHT TIME** up to 40 minutes (All Up weight)
MAX FLIGHT SPEED 12 m/s	**OPERATING ALTITUDE** Up to 3000 ft
OPERATING TEMPERATURE -10°C to 40°C	**WIND RESISTANCE** Up to 10 Knots
FLIGHT MODES Autonomous & Loiter Mode	**BATTERY TYPE** Lithium Polymer (LiPo)
BATTERY CAPACITY 6800 mAh	**CHARGING TIME** 40 minutes

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

APPLICATIONS

OIL AND GAS

Drones are revolutionizing the oil and gas industry by making inspections safer, faster, and more cost-efficient. With their ability to perform complex tasks and collect valuable data, UAVs have become indispensable tools for monitoring pipelines, improving workplace safety, and reducing environmental impact.The oil and gas sector has begun leveraging drones for customized applications that cater specifically to industry needs. These UAVs are equipped with sensors and cameras to gather real-time insights into safety hazards, equipment performance, and environmental concerns. Drones offer a precise, highly maneuverable, and cost-efficient way to inspect transportation networks, monitor assets, and manage remote locations.

BENEFITS OF USING DRONES IN OIL AND GAS INDUSTRY

INCREASED INSPECTION EFFICIENCY AND REDUCED COSTS

Drones help oil and gas companies reduce workplace hazards by carrying out inspections that traditionally required human workers. UAVs are capable of conducting inspections with a 33% increase in efficiency and a 50% reduction in costs. They can inspect equipment like chimneys, smokestacks, storage tanks, and other hazardous locations quickly and safely.

REMOTE MONITORING AND OBSERVATION

UAVs provide a 360-degree view of critical equipment and infrastructure. Drones are now widely used for remote monitoring, tracking field operations, and ensuring the safety and performance of assets. For offshore oil rigs, drones offer efficient, real-time monitoring of operations, reducing the need for costly and risky manual inspections.

CUSTOMIZED SOLUTIONS FOR DATA COLLECTION

The oil and gas sector has begun leveraging drones for customized applications that cater specifically to industry needs. These UAVs are equipped with sensors and cameras to gather real-time insights into safety hazards, equipment performance, and environmental concerns. Drones offer a precise, highly maneuverable, and cost-efficient way to inspect transportation networks, monitor assets, and manage remote locations.

Contact Us
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

APPLICATIONS

POWER LINE INSPECTION

Drones used in power line inspections can generate detailed 3D models by capturing oblique imagery. These models are produced using third-party software that composites the drone's images. Drones equipped with HD cameras, thermal sensors, and LiDAR can detect a wide range of defects and faults during inspections. They can identify issues such as overheating wires, broken antennas, rust, tower malfunctions, and even environmental concerns like bird nests. With their advanced sensors and data processing capabilities, drones can comprehensively assess the condition of power infrastructure, ensuring timely maintenance and preventing future disasters.

BENEFITS OF DRONE POWER LINE INSPECTIONS

IMPROVED SAFETY

Drones reduce the need for workers to physically climb towers and approach high-voltage power lines, minimizing the risk of accidents. By flying drones near power lines and capturing data from a safe distance, line workers can conduct their analysis remotely. Drones equipped with infrared sensors can also detect potential hazards like hotspots that could lead to electrical fires.

FASTER AND MORE FREQUENT INSPECTIONS

Drones inspect power lines faster than traditional methods, covering large distances efficiently. The speed and efficiency allow for more frequent inspections, providing continuous monitoring and the ability to respond quickly to issues before they escalate into outages.

LOWER COSTS

Drone inspections offer a more cost-effective solution compared to traditional methods like using helicopters or manual labor. Drone inspections can reduce costs by a significant margin due to fewer man-hours and reduced equipment expenses. Additionally, drones provide long-term cost savings as the technology evolves and becomes more automated.

Contact Us
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

APPLICATIONS

PIPE LINE INSPECTION

The evolution of technology in pipe inspections has focused on improving safety, efficiency, accuracy, and cost-effectiveness compared to conventional methods. Recent advancements now enable inspections in confined spaces, greatly enhancing operational capabilities. The use of drones keeps human inspectors out of hazardous environments, significantly reducing risk. These services also offer streamlined data management and professional reports, featuring HD images and videos that are essential for maintenance planning and regulatory compliance.

BENEFITS OF DRONE PIPE LINE INSPECTIONS

HIGH-RESOLUTION IMAGING

Drones capture 4K Ultra HD video at speeds of up to 30 feet per second, optimizing inspection speeds at 4.25 feet per second for high-quality data collection.

260-DEGREE VERTICAL FIELD OF VIEW (FOV)

The drones offer an extensive vertical field of view (FOV), including camera tilt, ensuring comprehensive visibility for inspections.

ADJUSTABLE AND OBLIQUE LIGHTING

With lighting capabilities of up to 10,000 lumens, inspections can be performed effectively in dark or misty environments.

3D MODELING AND 2D MEASUREMENTS

Drones have the ability to create detailed 3D models and provide precise 2D measurements, greatly aiding in both analysis and planning.

STABILIZING SENSORS

Equipped with advanced stabilizing sensors, the drones ensure smooth and steady video capture, even in dynamic and challenging conditions.

DISTANCE LOCK FEATURE

This feature enables consistent monitoring and measurement, which enhances data accuracy.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

APPLICATIONS

INFRASTRUCTURE INSPECTIONS & SURVEILLANCE

Infrastructure inspection involves examining aging bridges, highways, buildings, dams, pylons, tunnels, and other structures, which is crucial for safety. Using drones for these inspections is not only cost-effective and time-efficient, but also enables the inspection of large-scale structures that were previously inaccessible.

BENEFITS OF DRONE INFRASTRUCTURE INSPECTIONS & SURVEILLANCE

CELLULAR TOWER INSPECTION

Even in areas with volatile radio reception, which include cell towers and electricity towers.

RAILROAD TRACK CONTROL

It is crucial to display the circumstances of railroad tracks that support daily commutes. Inspections, conducted at night after working hours, are performed with the aid of drones equipped with high-performance cameras.

MANUFACTURING FACILITY SURVEILLANCE

Using drones in large manufacturing facilities enhances efficiency by enabling rapid inspections and inventory management, while also improving safety through remote monitoring of hazardous areas.

PORT AND HARBOR SURVEILLANCE

Drones assist in monitoring ship movements, cargo handling, and perimeter security, streamlining operations and enhancing port security.

CONSTRUCTION INSPECTION

Drones equipped with high-resolution cameras provide detailed aerial imagery, facilitating comprehensive site surveys and assessments. Multiple payload types enable the collection of various data types, including thermal imaging for detecting heat loss and structural issues.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

APPLICATIONS

GIS (GEOGRAPHIC INFORMATION SYSTEM)

A Geographic Information System (GIS) is a powerful tool for capturing, managing, analyzing, and visualizing spatial and geographic data. It integrates hardware, software, and data to process and present information that is tied to a location on Earth's surface. The convergence of drones (Unmanned Aerial Vehicles or UAVs) and Geographic Information Systems (GIS) has ushered in a new era of data collection and analysis. Drones, with their ability to capture high-resolution imagery and access remote locations, offer a versatile and efficient tool for gathering geospatial data. When integrated with GIS, this data can be processed, analyzed, and visualized to inform decision-making across various fields.

USE OF DRONES IN GIS

HIGH-RESOLUTION AERIAL MAPPING AND SURVEYING

Drones equipped with high-resolution cameras or LiDAR sensors can quickly capture large areas for mapping. They produce detailed maps and 3D models, often at a fraction of the cost of traditional methods.

TOPOGRAPHIC DATA COLLECTION

Drones capture accurate topographic data for creating Digital Elevation Models (DEMs) and Digital Surface Models (DSMs), useful for land-use planning, infrastructure development, and environmental monitoring.

LAND SURVEYING AND MAPPING

Drones can capture detailed imagery to monitor land use changes, such as urban expansion, deforestation, or agricultural developments. They are particularly effective in creating detailed classifications of different land covers.

AGRICULTURAL MONITORING

In precision agriculture, drones equipped with multi-spectral or thermal sensors help assess crop health, soil conditions, and irrigation needs. This data is geo-referenced and integrated into GIS systems for analysis and decision-making.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

APPLICATIONS

MINING

The mining industry has traditionally relied on ground-based methods for data collection and inspection. However, the advent of drones (Unmanned Aerial Vehicles or UAVs) has introduced a new paradigm, offering significant advantages in terms of efficiency, safety, and data quality. Drones equipped with specialized sensors can capture high-resolution imagery, create detailed 3D models, and provide valuable insights for mining operations.

USE OF DRONES IN MINING INDUSTRY

SURVEYING AND MAPPING

Drones equipped with cameras and LiDAR sensors create detailed topographic maps and 3D models of mining sites. They capture precise spatial data for planning excavation, infrastructure, and pit design. Compared to traditional surveying methods, drones provide faster and more cost-effective data collection, significantly reducing mapping time and labor for large areas.

MONITORING OPERATIONS

Drones offer real-time aerial views of mining operations, enabling continuous monitoring of activities like drilling, blasting, and material transport. This allows operators to optimize processes, track progress, and identify inefficiencies, while also minimizing operational downtime with quick, comprehensive site overviews.

STOCKPILE MANAGEMENT

Efficient stockpile management is essential in mining. Drones capture aerial data using photography or LiDAR to create 3D models of stockpiles. These models accurately measure the volume of materials like ore and minerals, enabling precise inventory tracking without physical contact.

SAFETY INSPECTIONS

Mining sites often contain hazardous areas like unstable slopes and deep pits, making manual inspections dangerous. Drones can safely conduct regular safety inspections, assessing mine wall stability, detecting cracks, and identifying potential hazards, thereby protecting workers while upholding safety standards.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI
AEROSPACE GROUP

SLATUP CARGO DRONES

SLATUP CARGO DRONES

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

SLATUP CARGO DRONES

SLATUP CARGO DRONES

About Us

At Slatup, we're revolutionizing logistics with our intelligent, autonomous drones. Our fleet seamlessly transports goods from warehouses to remote locations, bypassing congested roads and reducing transit times. From delivering critical tools to offshore wind turbines to transporting medical supplies in urban and remote areas, our drones excel in diverse industries. They navigate complex environments, deliver building materials to hard-to-reach sites, and reduce emissions in busy cities. Slatup Cargo Drones are driving economic growth, operational efficiency, and a sustainable future through advanced aerial logistics.

Why Choose Slatup

Efficient and Fast Logistics
Slatup drones bypass congested roads and deliver goods swiftly, significantly reducing transit times.

Versatile Application Across Industries
From offshore rigs to urban medical supply deliveries, Slatup drones excel in diverse and challenging environments.

Reduced Environmental Impact
By utilizing drones for deliveries, emissions are reduced, contributing to a more sustainable future.

Versatility in Cargo Solutions
Offering various aerial platforms ensures tailored solutions for different cargo operations, adapting to diverse weight and distance requirements.

Our Services

LOGISTICS
- Slatup Cargo Drones offer an efficient, reliable solution for transporting construction materials, ensuring timely and cost-effective delivery.

DELIVERY
- Our Drones streamline high-value goods delivery, providing speed, security, and reliability, while enhancing efficiency and protection throughout the entire process.

HEALTHCARE
- Integrating Slatup drones into healthcare systems enhances the speed and effectiveness of emergency medical responses, improving patient survival.

OILFIELD
- Slatup Cargo Drones improve operational efficiency and reduce offshore transport costs for ONGC, replacing helicopters for supply transportation and minimizing downtime.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

SLATUP CARGO DRONES

CARGO CRUISER SERIES

OPTIMIZING LONG-DISTANCE DELIVERIES WITH HIGH-SPEED

Contact Us

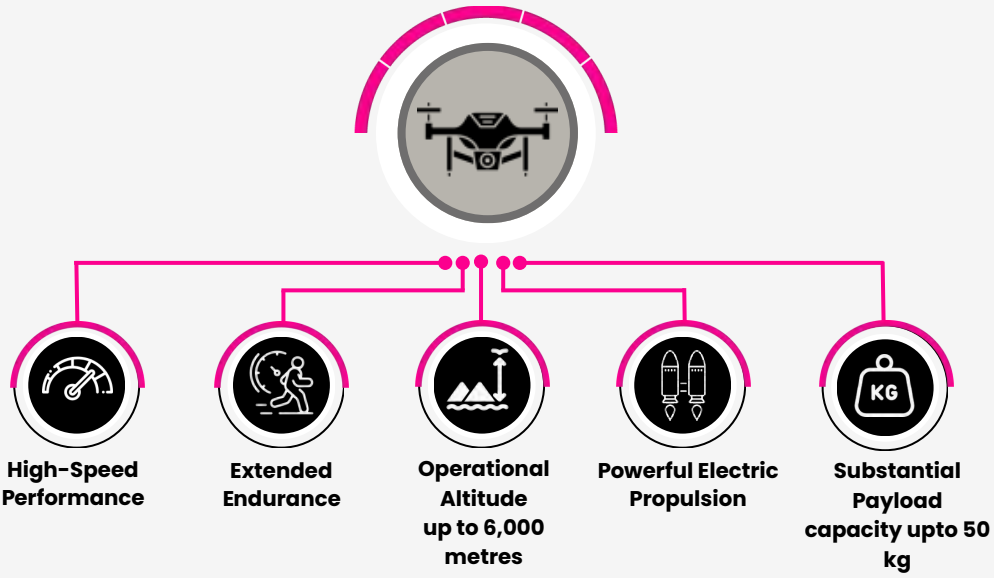
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

CARGO CRUISER SERIES

OPTIMIZING LONG-DISTANCE DELIVERIES WITH HIGH-SPEED

Slatup's Cargo Cruiser series revolutionizes long-distance deliveries with VTOL capability and high-speed performance, offering fast, efficient aerial logistics.

KEY FEATURES



APPLICATIONS

- E-COMMERCE AND RETAIL
- CONSTRUCTION MATERIAL TRANSPORT
- EMERGENCY AID DELIVERY
- MILITARY LOGISTICS
- EMERGENCY SUPPLIES
- SUPPLIES FOR INSPECTIONS

TECHNICAL SPECIFICATIONS

TOTAL LENGTH 4 metres	**FUSELAGE LENGTH** 4 metres
WINGSPAN 12 m/s	**HEIGHT** Up to 1.3 metres
WING AREA 6.0 m2	**CARGO HOLD DIMENSIONS** 1 m x 0.2 m x 0.3 m
CARGO HOLD VOLUME > 2 ft3	**MAXIMUM TAKE-OFF WEIGHT (MTOW)** 140 kg
TYPICAL MISSION PAYLOAD WEIGHT 30 kg	**MAXIMUM PAYLOAD WEIGHT** 50 kg
ENDURANCE 45 mins	**MAXIMUM TAKE-OFF ALTITUDE** 2,500 m

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

SLATUP CARGO DRONES

SKYSHIPPER SERIES

HIGH-SPEED MULTIROTOR DRONES FOR URBAN AND HEAVY DELIVERIES

Contact Us

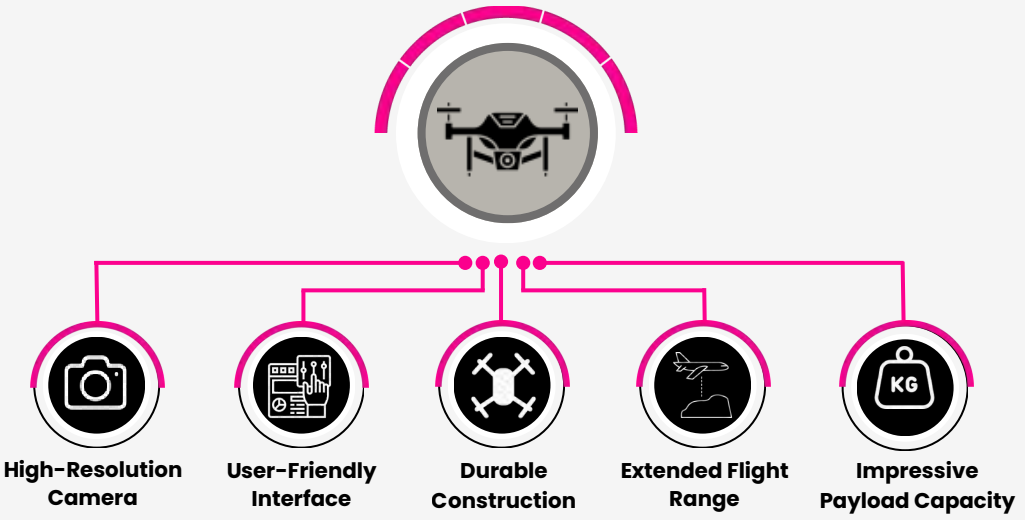
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

SKYSHIPPER SERIES

HIGH-SPEED MULTIROTOR DRONES FOR URBAN AND HEAVY DELIVERIES

The SkyShipper drones redefine logistics with speed, agility, and payload capacity. The SkyShipper 10 lifts up to 10 kg for quick urban deliveries, while the SkyShipper 30 handles up to 30 kg, ideal for industrial logistics and disaster relief.

KEY FEATURES



APPLICATIONS

- LOGISTICS AND DELIVERY
- HEALTHCARE MEDICAL SUPPLY
- TOOLS AND EQUIPMENT TRANSPORT
- DISASTER RELIEF SUPPLIES
- SITE EQUIPMENT DELIVERY
- WAREHOUSE RESTOCKING

TECHNICAL SPECIFICATIONS

MAX PAYLOAD 30 kg	**FLIGHT DISTANCE (W/O PAYLOAD)** 28 km
FLIGHT DISTANCE (FULL PAYLOAD) 16 km	**MAX SPEED** 20 m/s
MAX FLIGHT ALTITUDE 6,000 m	**OPERATING TEMPERATURE** -20°C to 45°C (-4°F to 113°F)
MAX WIND SPEED RESISTANCE 12 m/s	**VIDEO TRANSMISSION** 20 km
VIDEO TRANSMISSION TECHNOLOGY 5G Enhanced	**FPV GIMBAL CAMERA** High-Resolution
PROTECTION AND CORROSION RESISTANCE IP55	**INTELLIGENT SENSING FEATURES** Radars, Binocular Vision, Intelligent Obstacle Sensing

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

APPLICATIONS

LOGISTICS

The construction industry faces logistical challenges, especially in remote or rugged areas. Traditional methods often cause delays, high costs, and environmental impacts. Slatup Cargo Drones revolutionize logistics with efficient, reliable material transport. Our advanced technology ensures timely, cost-effective delivery to hard-to-reach sites. This innovation transforms construction operations in challenging terrains.

USE OF DRONES IN LOGISTICS

KEY BENEFITS OF SLATUP CARGO DRONES

Faster Delivery: Cut delivery times by up to 50% for quicker project completion.

Cost Savings: Reduce logistics costs by up to 30% with efficient transport.

Enhanced Safety: Minimize risks by reducing traffic on hazardous roads.

Eco-Friendly: Lower emissions support sustainable construction practices.

Better Access: Reach remote, hard-to-access sites with ease.

COST REDUCTION EXAMPLES

Road Construction: Slatup Cargo Drones cut costs by up to 30% for 100-km projects in tough terrains with direct material delivery.

Infrastructure Projects: Drones lower costs by 15% with efficient logistics and supply chain optimization.

THE SLATUP ADVANTAGE

Slatup Cargo Drones tackle construction logistics with cutting-edge technology and expertise. We enhance efficiency, cut costs, and reduce environmental impact. Partnering with Slatup ensures superior operations and tailored solutions for unique project needs. Achieve more with innovative and reliable drone logistics.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

APPLICATIONS

DELIVERY

The logistics industry is undergoing major transformation due to the rising demand for faster, more secure, and efficient delivery solutions. Traditional methods often fall short, particularly when addressing the strict requirements for high-value items that demand specialised handling and secure transportation. Slatup Cargo Drones offer a cutting-edge solution designed to overcome these challenges. By integrating advanced technology with robust security features, Slatup Cargo Drones guarantee that the delivery of high-value items is not only fast but also secure, while maintaining optimal efficiency throughout the process.

USE OF DRONES IN DELIVERY

KEY BENEFITS OF SLATUP CARGO DRONES

Speed: Deliver 50% faster than traditional methods for timely service.

Security: Advanced features like real-time tracking and secure compartments protect high-value items.

Sustainability: Lower emissions and reduce traffic for a greener future.

Cost Efficiency: Optimize costs with efficient routes and minimal handling.

CORE COMPONENTS OF OUR SOLUTION

Advanced Technology: Ensures top performance and safety.

Ground Infrastructure: Robust systems enable seamless operations.

Stringent Security: Protect high-value items with advanced measures.

Standard Procedures: SOPs guarantee consistency and reliability.

Integrated Excellence: A complete solution for efficient logistics.

THE SLATUP ADVANTAGE

Slatup's fleet of autonomous drones are specifically engineered to handle the complexities of high-value item transportation. By bypassing ground traffic and optimising flight paths, our drones achieve exceptional speed and security, while also maximising efficiency in every delivery.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

APPLICATIONS

HEALTHCARE

Slatup's Cargo Cruiser and Skyshipper drone series are crafted to tackle the specific challenges of healthcare logistics. The Cargo Cruiser excels in long-range flights, making it ideal for delivering medical supplies to remote and underserved areas. Meanwhile, the Skyshipper is designed for rapid and efficient delivery within urban and suburban environments. Together, these drones ensure that medical essentials are transported swiftly and reliably, whether to distant locations or within city limits. By integrating Slatup's Cargo Cruiser and Skyshipper drones, healthcare logistics are significantly enhanced, meeting urgent delivery needs with both precision and efficiency.

USE OF DRONES IN HEALTHCARE

KEY BENEFITS OF SLATUP CARGO DRONES

Rapid Response: Faster emergency interventions.

Expanded Access: Reaches remote and underserved areas.

Enhanced Outcomes: Timely delivery improves patient care.

Cost Efficiency: Reduces logistics costs, making healthcare more affordable.

Improved Access: Broader healthcare reach for more individuals.

OPERATIONAL CONCEPTS

Scenario 1: Telemedicine and Emergency Response.

Scenario 2: Blood and Sample Transportation.

Scenario 3: Vaccine and Medicine Delivery.

FUTURE OUTLOOK

Slatup Cargo Drones aim to transform healthcare with innovative drone technology. We're partnering with providers and regulators to build a sustainable system. Our goal is to improve healthcare logistics and patient outcomes. We're working to integrate drones into everyday medical operations. This will streamline and enhance healthcare delivery.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

APPLICATIONS

OILFIELD

Slatup Cargo Drones are specifically engineered to address the unique challenges of offshore logistics. Our advanced drone technology and robust infrastructure ensure the seamless delivery of essential offshore supplies directly to platforms. This innovative drone solution significantly boosts operational efficiency and minimising downtime, offering a reliable and effective solution to the logistical demands of offshore oil and gas operations.

USE OF DRONES IN OILFIELD

KEY BENEFITS OF SLATUP CARGO DRONES

Accelerated Supply Delivery: Slatup Cargo Drones reduce delivery times by 50%, boosting offshore efficiency.

Cost Reduction: Slatup Cargo Drones cut logistics costs by up to 30% by replacing vessels and reducing fuel use.

Enhanced Safety: Drones reduce personnel on platforms, minimizing safety risks in hazardous conditions.

Environmental Impact: Fewer vessel trips with drones cut carbon emissions, offering an eco-friendly solution.

THE OFFSHORE OIL AND GAS CHALLENGE

Offshore oil and gas platforms are positioned in remote, ocean-bound locations, making access challenging. Traditional supply chain methods, dependent on vessels and helicopters, often face obstacles due to adverse weather conditions, high operational costs, and environmental concerns. The timely delivery of critical offshore supplies such as spare parts, equipment, and personnel is essential for maintaining efficient platform operations and ensuring safety. Addressing these offshore logistical challenges is key to optimising performance and safeguarding operations in these remote environments.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

APPLICATIONS

POSTAL DELIVERY APPLICATIONS

Slatup Cargo Drones deliver a revolutionary solution to tackle logistics challenges. By integrating advanced drone technology with a robust network infrastructure, Slatup ensures the rapid, secure, and efficient delivery of high-value items. Our advanced technology ensures quick delivery, high-level security, and excellent efficiency, setting a new standard for cargo transport and logistics solutions.

USE OF DRONES IN POSTAL DELIVERY

UNDERSTANDING THE CHALLENGE

Traditional postal services encounter several challenges in delivering high-value items, such as registered mail, speed post, legal documents, and financial instruments. These challenges include:

Time Delay: Conventional delivery methods are often slowed down by traffic congestion, adverse weather conditions, and geographical barriers, which can significantly impact the timely delivery of high-value items.

Security Risks: The risk of loss, theft, or damage is elevated for valuable items in traditional postal systems. Ensuring the secure transit of these items is a major concern, as conventional methods may not provide the level of protection needed.

Operational Inefficiencies: Manual handling and processing in traditional postal services often lead to delays and errors. These inefficiencies can affect the accuracy and promptness of delivering critical and high-value items.

SECURITY AND RELIABILITY

Geo-Fencing: Limiting drone flights to authorized areas to enhance security and prevent unauthorized access.

Real-Time Tracking: Constantly monitoring drone location and cargo to provide precise tracking and immediate updates.

Tamper-Evident Packaging: Using advanced packaging solutions to safeguard shipment integrity and detect any tampering.

Biometric Authentication: Requiring recipient verification through biometric methods to ensure secure delivery.

NETWORK AND INFRASTRUCTURE

To support the Slatup Cargo Drone service, we will develop a network of carefully placed drone hubs across the country. These hubs will act as central base stations, providing crucial services such as drone charging, maintenance, and cargo handling. By integrating seamlessly with existing postal infrastructure, we will ensure efficient and reliable operations, optimizing the overall performance of our drone delivery system.

Contact Us
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

APPLICATIONS

OFF SHORE WIND TURBINE MAINTENANCE

Slatup Cargo Drones provide a revolutionary approach to overcoming the logistical challenges of wind turbine maintenance. By harnessing advanced drone technology, we facilitate the direct delivery of critical tools, spare parts, and personnel to remote wind turbine sites. This innovation enhances operational efficiency, reduces downtime, and addresses the complexities associated with maintaining turbines in challenging locations.

USE OF DRONES IN ENERGY

KEY BENEFITS OF SLATUP CARGO DRONES

Accelerated Maintenance: Slatup Drones cut turbine downtime by 50% with rapid parts delivery.

Cost Reduction: Our drones cut maintenance costs by 30% by replacing specialized vessels and helicopters.

Enhanced Safety: Drones reduce on-site risks, boosting safety in hazardous conditions.

Environmental Impact: Drones cut service trips, reducing carbon emissions and environmental impact.

Increased Operational Efficiency: Drones boost wind farm productivity by 20% through better logistics and less downtime.

HOW IT WORKS

Inventory Management: Centralized spare parts streamline wind farm supply chains.

Drone Deployment: When a part is needed, a Slatup Cargo Drone is dispatched from the nearest base to the wind turbine site.

Advanced Flight Planning: Real-time data enables drones to optimize flight paths for safety and efficiency.

Precision Delivery: Drones use specialized mechanisms for precise spare part delivery to turbines.

Data Collection: We analyze flight data to improve delivery and ensure optimal operation.

THE FUTURE OF WIND TURBINE MAINTENANCE

Slatup Cargo Drones are revolutionizing the wind energy industry by addressing key maintenance challenges with advanced technology. We are setting new standards for wind turbine maintenance by integrating innovative drone solutions with a deep understanding of industry needs.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI
AEROSPACE GROUP

KKAP DRONE AUTOPILOT

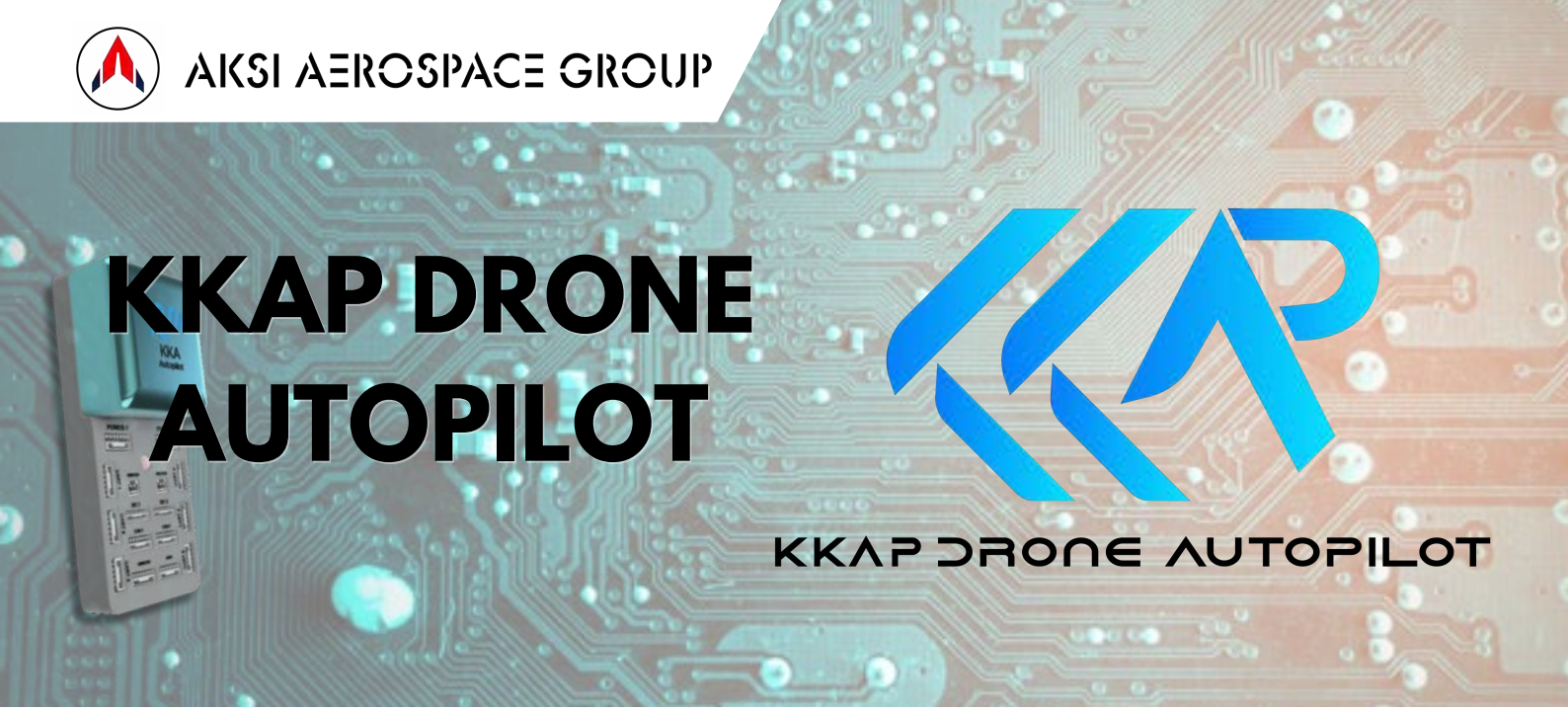
KKAP DRONE AUTOPILOT

Contact Us

+91-93419 71308
+91-84509 61308

business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP



KKAP DRONE AUTOPILOT

KKAP DRONE AUTOPILOT

About Us

The KKAP Autopilot is a cutting-edge technology designed for offering advanced features for UAVs. Developed by KKAP Drone Autopilot and Computing Systems; this system enhances control, offers automatic return-to-home functionality, supports various payloads, and integrates seamlessly with existing drone accessories. It improves operational efficiency and safety, making it ideal for industries such as agriculture, surveillance, and beyond. With its advanced GPS technologies and obstacle detection systems, the KKAP Autopilot is at the forefront of drone innovation, promising increased productivity and safety for users worldwide.

Why Choose KKAP Drone Autopilot

Unmatched Precision

With cutting-edge technology, KKAP Autopilot guarantees precise flight control and navigation, setting the standard for autonomous UAV operations.

Safety-Driven

Equipped with flight envelope protection and emergency modes, KKAP Autopilot ensures safe operations in any situation.

Seamless Integration

Our autopilot integrates seamlessly with existing firmwares, boosting UAV functionality across industries.

Reliability

KKAP Autopilot offers unmatched reliability, ensuring consistent and controlled flight operations for UAVs, empowering operators with full autonomy and control.

Our features

ADVANCED FLIGHT CONTROL

- KKAP Autopilot offers precise flight control automation, ensuring smooth and stable operations throughout all phases of flight.

NAVIGATION ASSISTANCE

- KKAP Autopilot provides accurate navigation support for autonomous unmanned aerial vehicles (UAVs).

SAFETY AND RISK MITIGATION

- Equipped with a high-performance STM32H7 processor, the H7 features a dual-core architecture with a Cortex-M7 core running at up to 480 MHz and a Cortex-M4 core running at up to 240 MHz.

COMPREHENSIVE AUTOMATION

- KKAP Autopilot provides full automation for all flight stages, boosting efficiency and minimizing manual input.

Contact Us

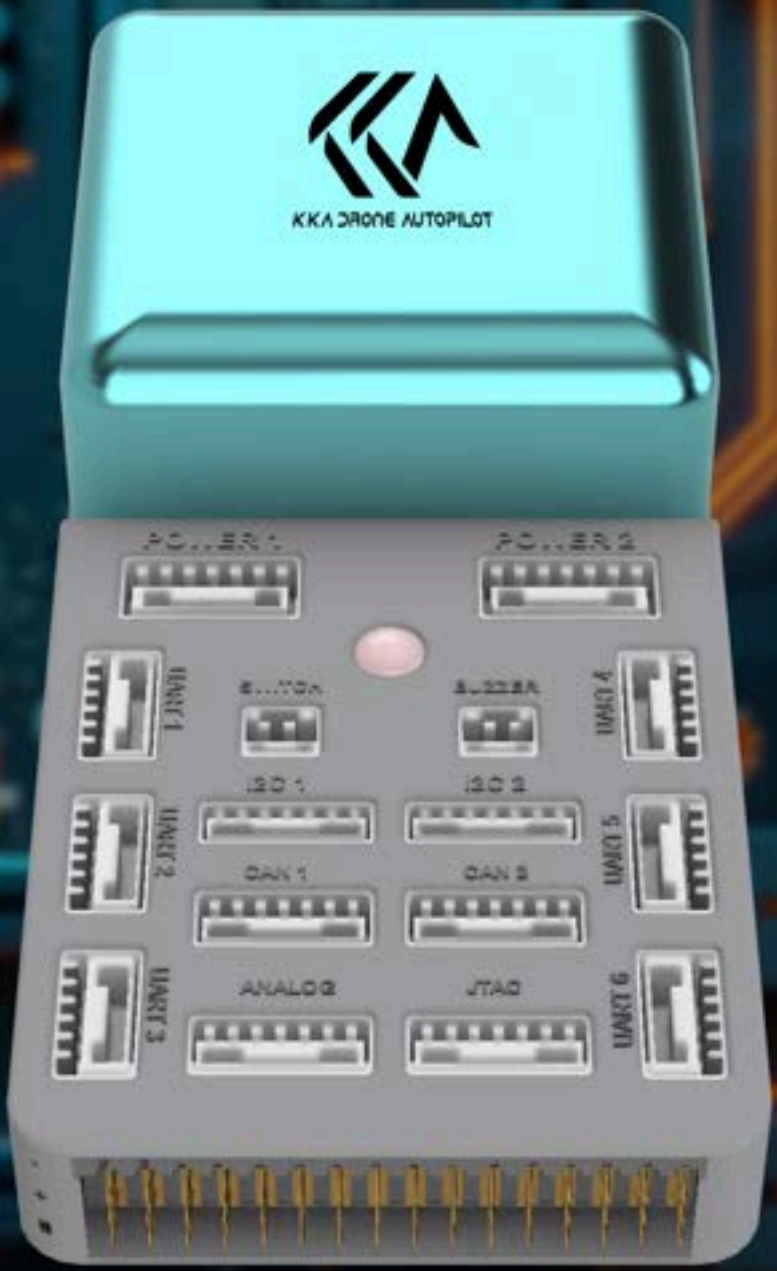
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

KKAP DRONE AUTOPILOT

NAVXCEL

WHERE AUTOPILOTS TAKE FLIGHT & EDGE COMPUTING TAKES CONTROL



Contact Us

+91-93419 71308
+91-84509 61308

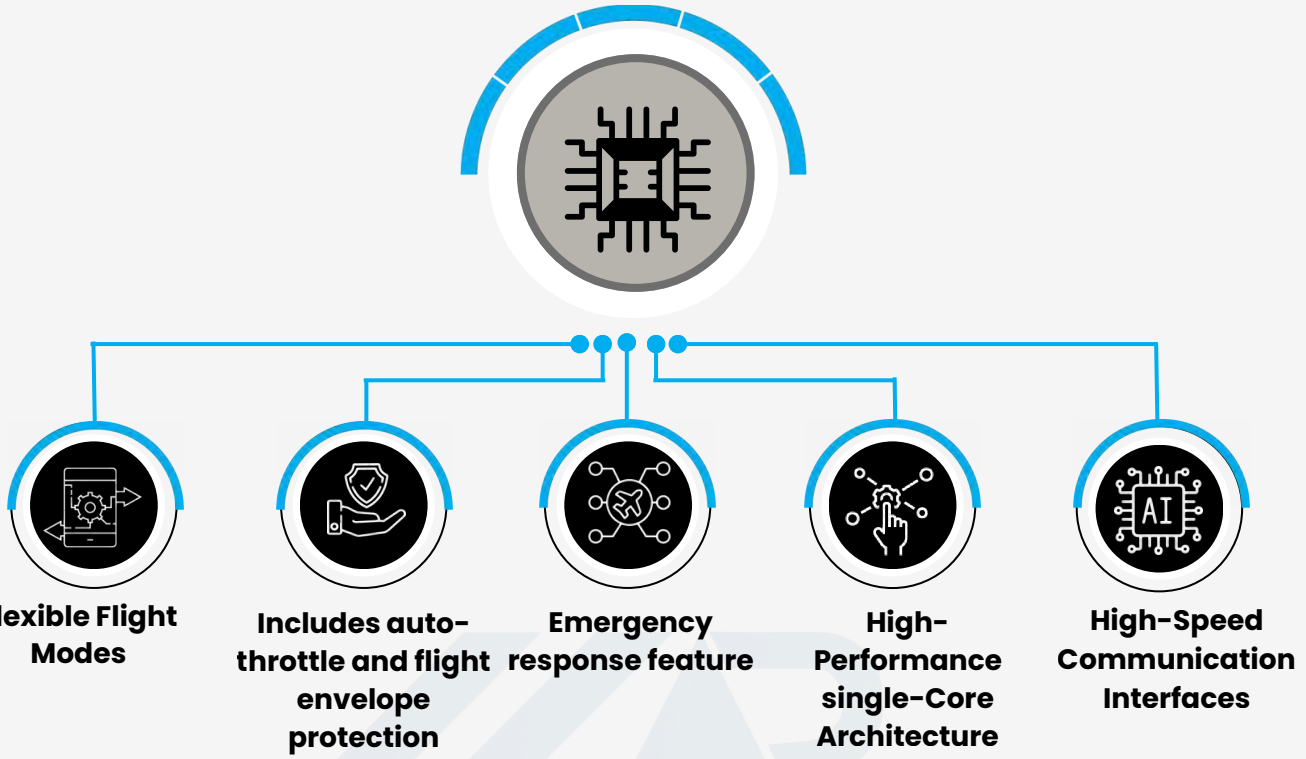
business@aksiaerospace.com
www.aksiaerospace.com

NAVXCEL AUTOPILOT

WHERE AUTOPILOTS TAKE FLIGHT & EDGE COMPUTING TAKES CONTROL

NAVXCEL Autopilot is the world's most advanced autopilot for unmanned aerial vehicles, offering seamless flight control, navigation, and system management.

KEY FEATURES



TECHNICAL SPECIFICATIONS

MAIN PROCESSOR STM32H757 Dual Core M7 + M4	**SUPPORTED FIRMWARE** Ardupilot and PX4
SUPPORTED RC SIGNALS SBUS SBUS	**SENSORS** Redundant 9-dof sensors
SENSORS DETAILS IMU ICM42688 BARO MS5611 Mag LIS3MD	**SUPPORTED VEHICLE TYPES** Fixed-wing plane, Multicopter, Helicopter, VTOL-plane, VTOL-plane, Rover/boat/submarine
WEIGHT 73 grams	**CHASSIS MATERIAL** CNC Aluminum Alloy(cube)+ABS
OPERATING TEMPERATURE -10~+55° IMU with temperature control	**PWM I/OS** 8
SERIAL INTERFACE 5	**NUMBER OF GPS SUPPORTED 2** 2
DEBUG INTERFACE 1	**I2C INTERFACE & CAN INTERFACE** 2 & 2

Contact Us

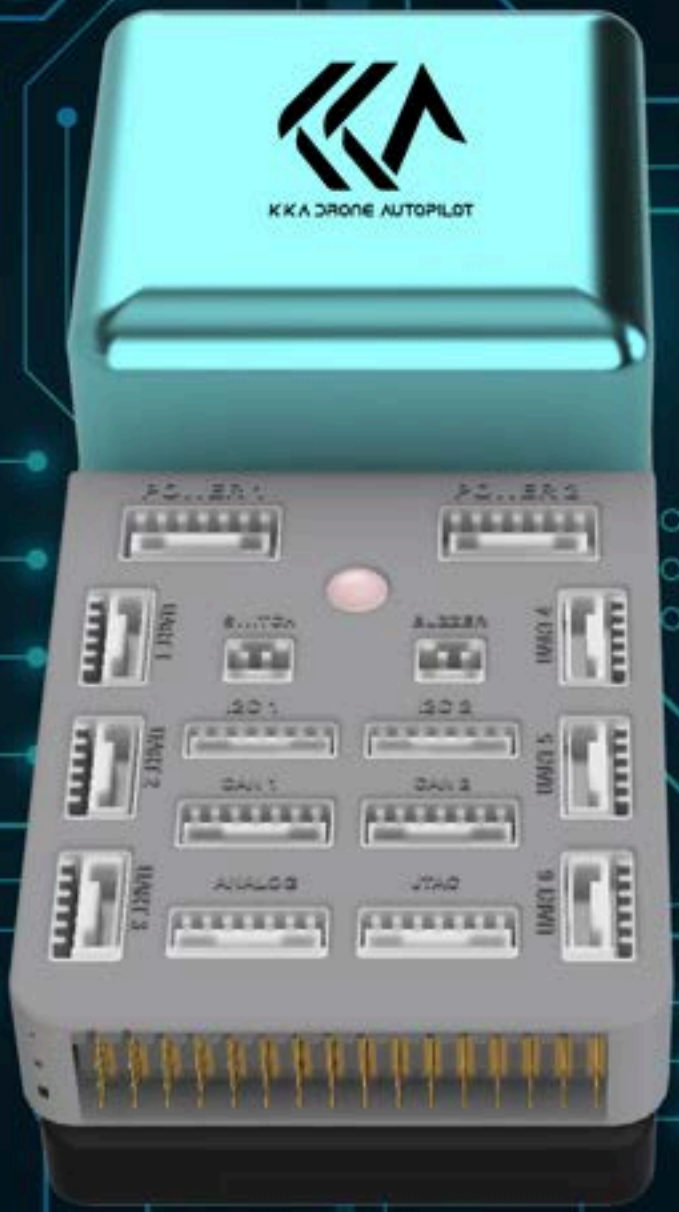
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

KKAP DRONE AUTOPILOT

NAVXCEL PLUS

WHERE AUTOPILOTS TAKE FLIGHT & EDGE COMPUTING TAKES CONTROL



Contact Us

+91-93419 71308
+91-84509 61308

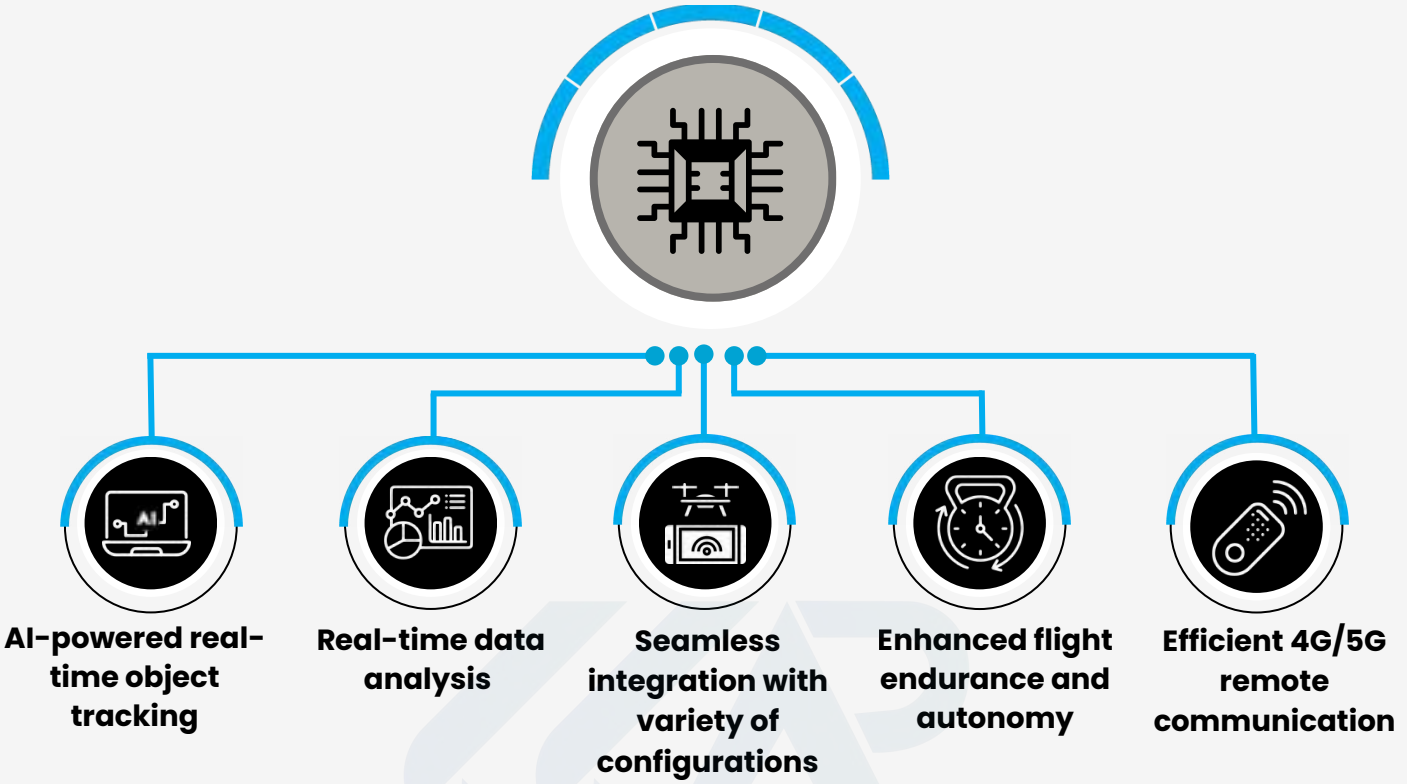
business@aksiaerospace.com
www.aksiaerospace.com

NAVXCEL PLUS

WHERE AUTOPILOTS TAKE FLIGHT & EDGE COMPUTING TAKES CONTROL

Unlock the power of AI-driven drones with NAVXCEL PLUS, offering object detection, tracking, live analytics, and customizable AI models for smart cities, construction, retail, and industrial sectors.

KEY FEATURES



TECHNICAL SPECIFICATIONS

MAIN PROCESSOR STM32H757 Dual Core M7 + M4	**SUPPORTED FIRMWARE** Ardupilot and PX4
SUPPORTED RC SIGNALS SBUS SBUS	**SENSORS** Redundant 9-dof sensors
SENSORS DETAILS IMU ICM42688 BARO MS5611 Mag LIS3MD	**SUPPORTED VEHICLE TYPES** Fixed-wing plane, Multicopter, Helicopter, VTOL-plane, VTOL-plane, Rover/boat/submarine
WEIGHT 73 grams	**CHASSIS MATERIAL** CNC Aluminum Alloy(cube)+ABS
OPERATING TEMPERATURE -10~+55° IMU with temperature control	**PWM I/OS** 8
SERIAL INTERFACE 5	**NUMBER OF GPS SUPPORTED 2** 2
DEBUG INTERFACE 1	**I2C INTERFACE & CAN INTERFACE** 2 & 2

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI
AEROSPACE GROUP

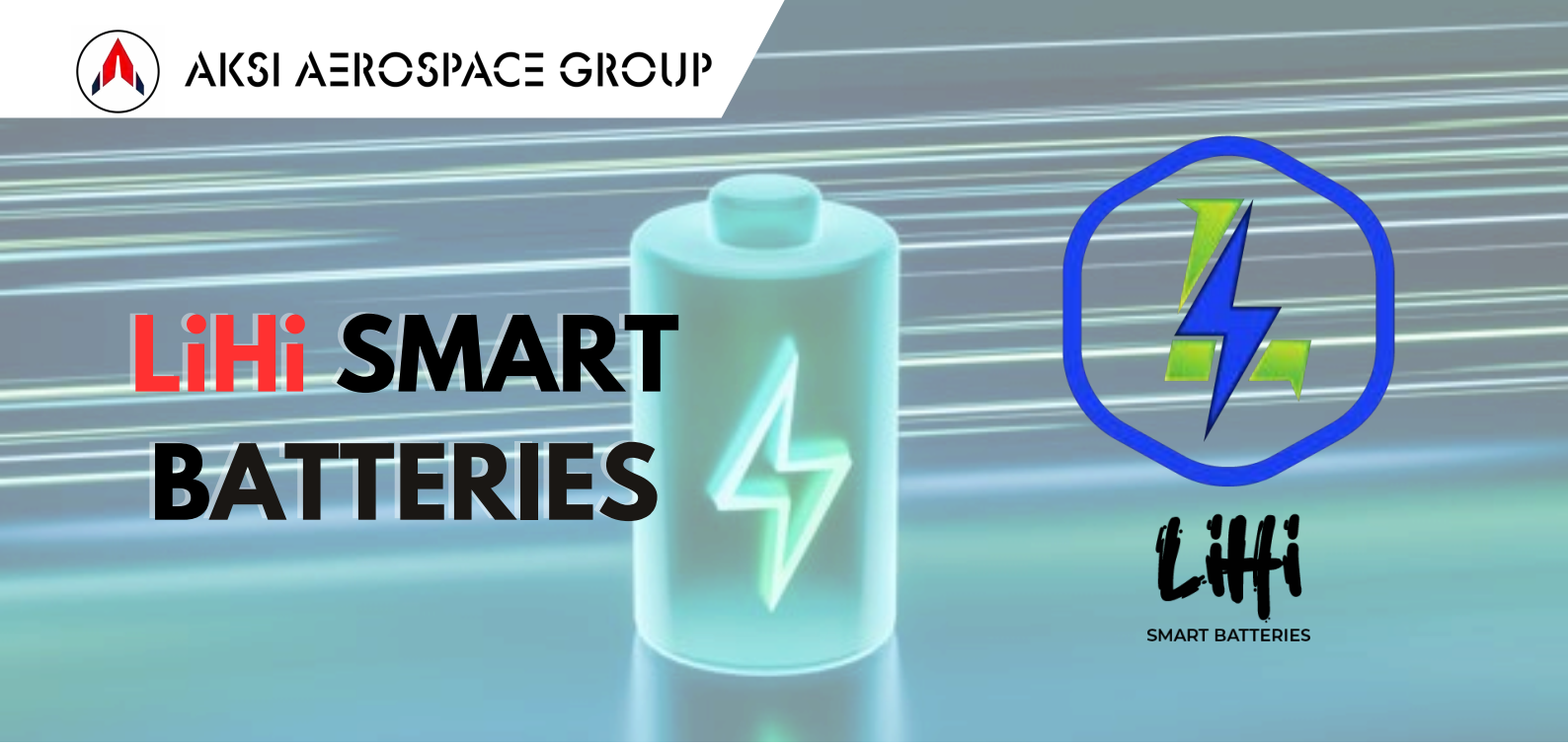
LiHi
SMART BATTERIES

LiHi SMART BATTERIES

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP



About Us

As a leading manufacturer of smart drone batteries, BMS, and chargers, we deliver exceptional power solutions for your aerial needs. Our advanced products ensure extended flight times and reliable performance, crafted with premium materials and cutting-edge cell technology. Enhance your drone's capabilities for superior aerial photography, videography, and exploration with our top-tier batteries.

Why Choose LiHi Smart Batteries

Exceptional Performance

Our batteries and chargers are engineered for peak performance, providing extended flight times and reliable operation.

Lightweight and Compact Design

Our batteries are engineered to be lightweight and compact, reducing the overall weight of the drone, which directly enhances flight stability, agility, and performance.

Enhanced Efficiency

The LiHi Smart charger's rapid charging capabilities and multi-port functionality offer unparalleled convenience and efficiency.

Built-In Safety Features

Advanced Battery Management System (BMS) ensures optimal battery performance and safeguards against overheating, ensuring reliable and safe operation during extended flights.

Our Products

SMART DRONE BATTERIES

- We provide high-performance lithium-ion batteries with advanced technology for extended flight durations and reliable operation.
- Our 6S 25000mAh Smart Battery is optimized for high-demand applications in drones and other electric vehicles, offering superior capacity, safety features, and efficiency.

LiHi INTELLIGENT BATTERY CHARGERS

- Our intelligent chargers ensure efficient and safe battery replenishment
- The LiHi Smart charger features four ports for simultaneous charging, up to 400W total power, and 10A per port, along with an 800mA balancing current per cell.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

LiHi Smart Battery

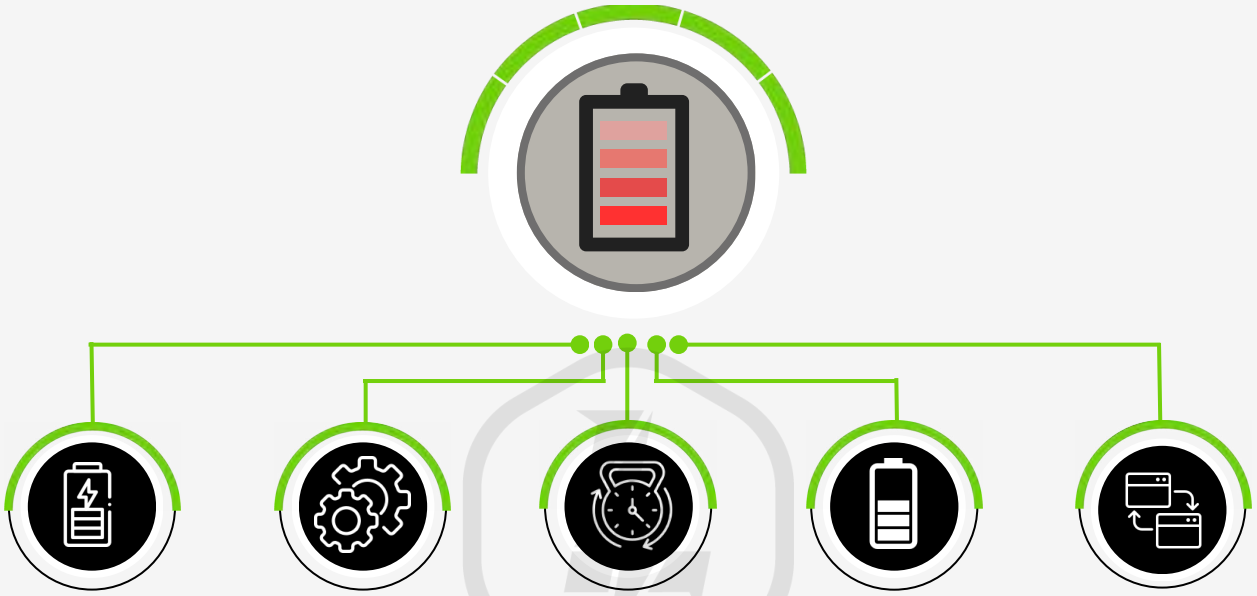
Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

SMART BATTERY (6S 20,000MAH LI-ION BATTERY)

The Smart Battery is a high-performance, 20,000 mAh lithium-ion solution with 6S configuration, offering efficient energy storage, built-in safety, and extended runtime for drones.

KEY FEATURES



- High capacity for extended flight
- Optimized for high-demand drones
- Minimizes energy waste, maximizing flight time
- Lightweight design enhances drone performance
- Compatible with various drone models

OTHER FEATURES

BATTERY CHEMISTRY Lithium Ion	**CELLS** Cylindrical
CONFIGURATION 6S4P	**CAPACITY** 20000 mAh
DISCHARGE RATE 11C	**NOMINAL VOLTAGE** 21.6V
CHARGE CURRENT 25A	**DIMENSION (LXWXH)** 281 x 75 x 81mm ± 5mm
NET WEIGHT 2750g ± 50g	**CHARGING VOLTAGE** 25.2V
SET CHARGING VOLTAGE 25.2V	**MAXIMUM DISCHARGE CURRENT** 270A
STORAGE TEMPERATURE -20°C to 35°C	**CONNECTOR TYPE & DISCHARGE PLUG** AKSI-BTC_ & AKSI-BTC

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

LiHi Intelligent Battery Chargers

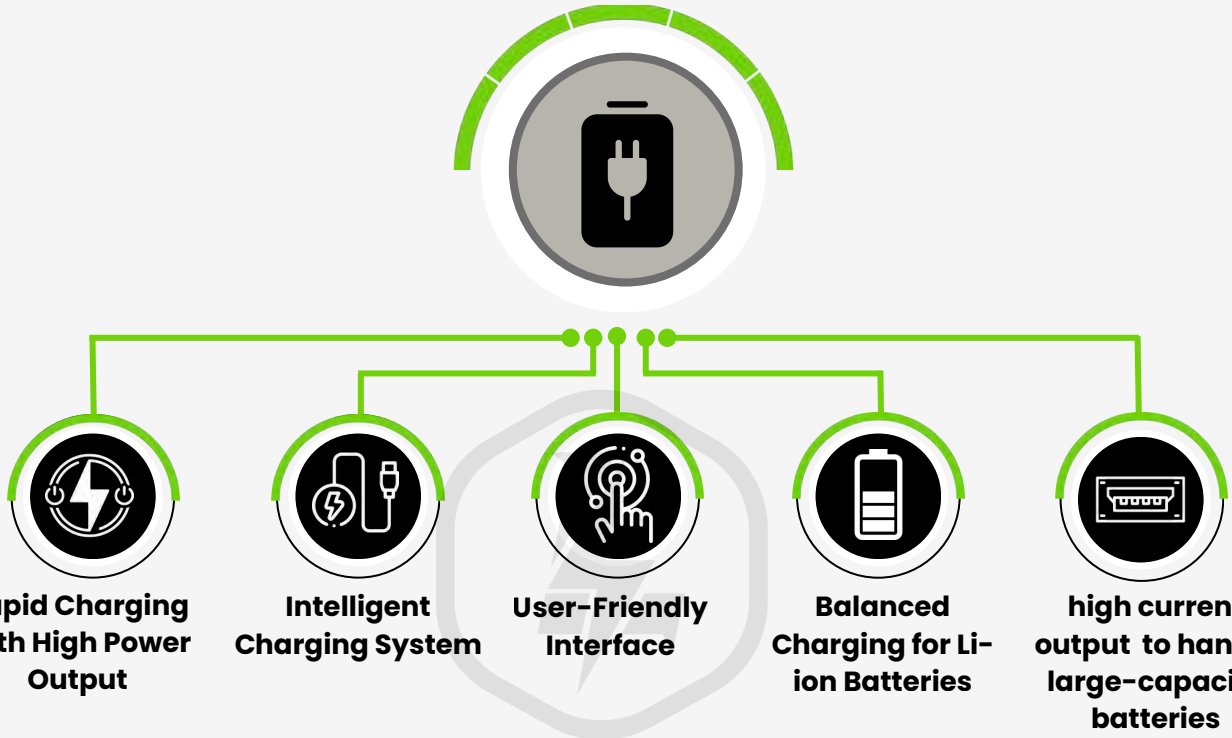
Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

LiHi INTELLIGENT BATTERY CHARGERS

The LiHi Smart charger offers rapid, safe charging with four ports, 400W power, and 10A per port, ensuring efficient, balanced charging for multiple batteries and minimizing drone downtime.

KEY FEATURES



OTHER FEATURES

DC INPUT VOLTAGE RANGE (V) 10-30 V	**INPUT VOLTAGE (VAC)** 100-240
MAX OUTPUT POWER(W) AC: 200W MAX, DC: 400W MAX	**DISCHARGING POWER (W)** Balance port: 25W MAX (LiPo/6S), Main port: 5W
BATTERY TYPE LiPo/LiFe/LiIon/LiHV: 1-6cells, NiMH/NiCd: 2-15cells, Pb: 3S/6S/12S	**DISPLAY TYPE** TN
DISPLAY SIZE (INCH) 2.8 inch	**DISPLAY RESOLUTION** 320×240
NUMBER OF COLORS 262K	**SHELL MATERIAL** PC-ABS V0
LENGTH X WIDTH X HIEGHT 116 x 110 x 79mm	**WEIGHT** 680 grams
SHIPPING WEIGHT 0.79 kg	**SHIPPING DIMENSIONS** 14 × 13 × 11 cm

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI
AEROSPACE GROUP

MOTOPROPEL
TECHNOLOGIES

MOTOPROPEL TECHNOLOGIES

Contact Us

+91-93419 71308
+91-84509 61308

business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

MOTOPROPEL TECHNOLOGIES

DRONE MOTORS

About Us

MotoPropel Technologies is a pioneer in indigenous drone propulsion systems. We specialize in designing and manufacturing high-performance BLDC motors, ESCs, and propellers. Our solutions are crafted with advanced technology and premium materials, ensuring optimal performance and unparalleled durability.

Whether you're capturing breathtaking aerial photography or exploring uncharted territories, our propulsion systems will elevate your drone's capabilities. By supporting the Make in India initiative, we're committed to driving innovation and setting new industry standards.

Product Range

Lightweight Hobby Motors
Optimal performance for recreational drone applications.

Propulsion System Combos
Complete solutions with motors, ESCs, and propellers for seamless integration.

Water-Resistant Agriculture Motors
Specialized motors for reliable use in agricultural environments.

High Load Capacity Motors
Specialized motors for reliable use in agricultural environments.

Carbon Fiber and Plastic Propellers
Durable, lightweight options optimized for various performance needs.

High-Performance ESCs
Advanced controllers for responsive and reliable motor control

Product Features

Lightweight Design
Reduces overall weight for improved flight efficiency and longer flight times.

High Efficiency
Maximizes energy use, thereby extending battery life and operational range effectively.

Heavy Load Handling
Ensures stable control when carrying substantial payloads in diverse conditions.

IP Rated Durability
Offers protection against dust and moisture for reliable outdoor performance.

Inbuilt ESC
Integrated electronic speed controller (ESC) for streamlined performance and reduced components.

Advanced Technology
Ensures reliable operation through smart management and safety features.

Quiet Operation
Designed to minimize noise, ideal for stealthy and discreet missions.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI
AEROSPACE GROUP

DRONEOWL
MICROSTABILISED CAMERAS

DronOwl Microstabilized Cameras

Contact Us

+91-93419 71308
+91-84509 61308

business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

DRONOWL MICROSTABILIZED CAMERAS

DRONEOWL
MICROSTABILISED CAMERAS

About Us

DronOwl Microstabilized Camera specializes in advanced indigenous drone cameras, including RGB, thermal, night vision, and multispectral/hyperspectral options. Our products are designed for surveillance, emergency response, and remote sensing, ensuring exceptional image quality and stability. Supporting the Make in India initiative, we enhance aerial capabilities across various industries, from agriculture to environmental monitoring.

Product Range

RGB Camera

High-definition imaging for vibrant aerial photography and videography.

Multispectral Camera

Captures data across multiple wavelengths for agricultural and environmental analysis.

Gimbal Camera

Stabilized imaging for smooth video capture in dynamic environments.

Thermal Camera

Detects heat signatures for surveillance and search-and-rescue operations.

Night Vision Camera

Optimized for low-light conditions, ensuring visibility in darkness.

Hyperspectral Camera

Provides detailed spectral information for advanced analytical applications.

Product Features

High Resolution

Provides exceptional clarity for detailed analysis and documentation.

CMOS Sensors

Ensures superior performance in varied lighting conditions.

Wide Range of Cameras

Includes RGB, thermal, night vision, multispectral, and hyperspectral options.

Advanced Optical Lenses

Optimized for focus and clarity, enhancing image quality.

Microstabilization Technology

Guarantees steady imaging in turbulent flying conditions.

Video Transmission

Seamless live streaming and real-time video feeds for operations.

Versatile Applications

Perfect for cinematography, human detection, and data collection.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI
AEROSPACE GROUP

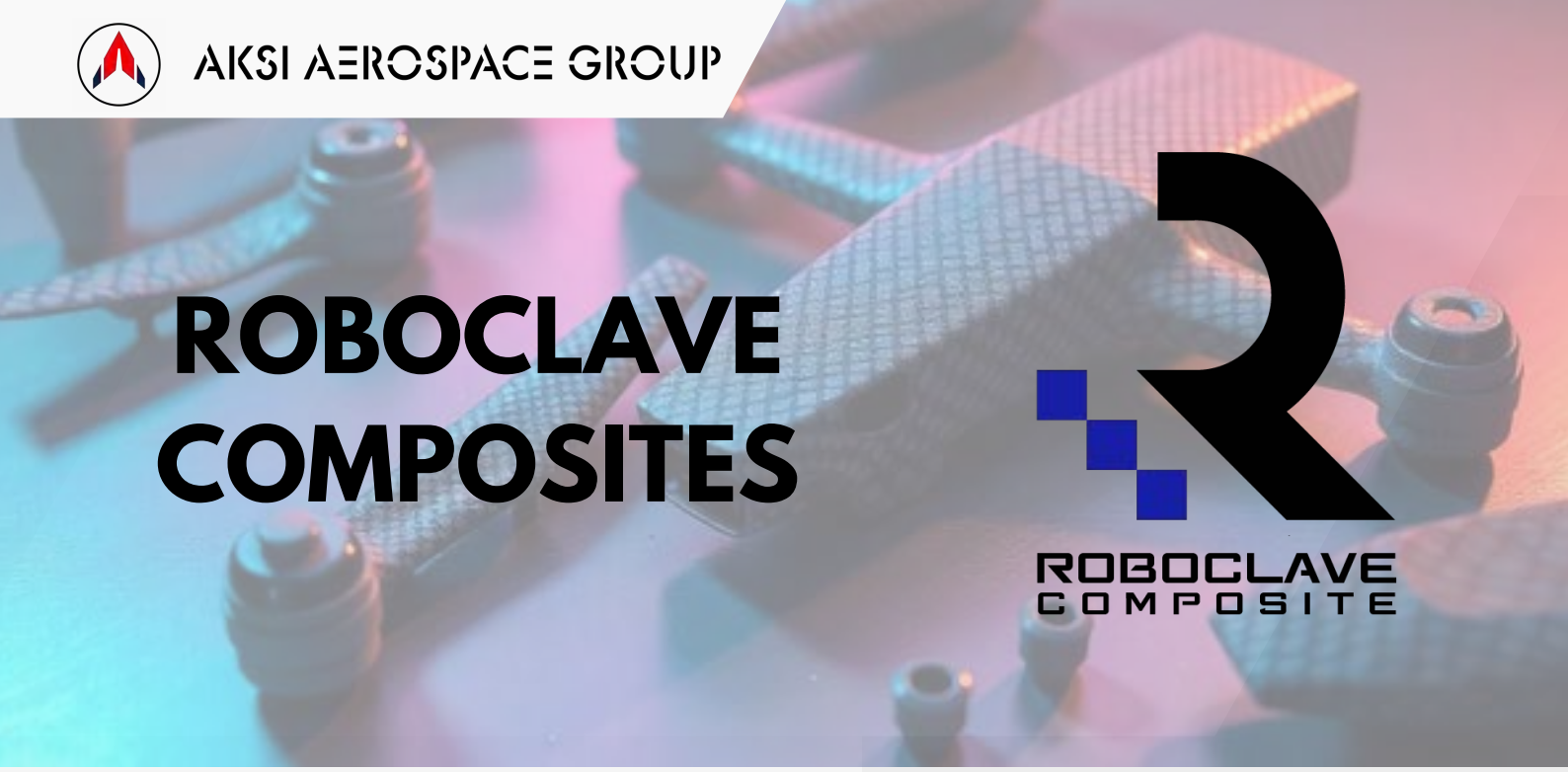
ROBOCLAVE
COMPOSITE

Roboclave Composites

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP



ROBOCLAVE COMPOSITES

ROBOCLAVE COMPOSITE

About Us

Roboclave Composites specializes in advanced composite materials, particularly carbon fiber-reinforced polymers (CFRP), using state-of-the-art desktop autoclave technology. We produce high-quality, customizable parts for the aerospace and drone industries, offering superior strength, lightweight performance, and exceptional durability. Our cutting-edge composite solutions include structural components such as arms, tubes, and sheets, designed for optimal functionality to elevate your projects.

Product Range

Carbon Fiber Tubes
Available in circular, rectangular, and square shapes, with custom sizes and thicknesses.

Carbon Fiber Sheets
Offered in all dimensions and thicknesses for versatile applications.

Carbon Fiber Custom Fabrications
Tailored solutions for unique projects, accommodating complex geometries.

Carbon Fiber Components
Custom-designed parts for automotive, marine, and sports applications.

Carbon Fiber Monocoque Structures
Lightweight and strong, designed for maximum rigidity and performance in automotive and aerospace applications.

Product Features

Lightweight Design
Provides exceptional clarity for detailed analysis and documentation.

Color Options
Ensures superior performance in varied lighting conditions.

Thermal Stability
Maintains performance in high-temperature applications.

Impact Resistance
Engineered to absorb shocks and resist damage during use.

Flexibility in Design
Capable of producing complex geometries to meet innovative design needs.

Sustainability
Committed to environmentally friendly manufacturing processes and materials.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI
AEROSPACE GROUP

AKSI
DRONE ACADEMY

AKSI
DRONE ACADEMY

Contact Us

+91-93419 71308
+91-84509 61308

business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

AKSI DRONE ACADEMY

About Us

At AKSI Aerospace Academy, we're committed to empowering individuals with the knowledge and skills needed to excel in the dynamic and exciting field of aerospace. Our academy offers a wide range of comprehensive training programs designed to meet the needs of aspiring aerospace professionals, enthusiasts, and industry experts alike.

What Sets Us Apart?

Tailored Curriculum

Our courses are designed to meet the diverse needs of learners, from complete beginners to industry professionals. Each program emphasizes practical skills and theoretical knowledge, ensuring you gain a comprehensive understanding of drone technology.

Accessible Education

We believe that anyone can learn about drones regardless of prior experience or qualifications. Our platform offers user-friendly, engaging content that makes complex concepts simple and relatable.

Expert Instructors

Learn from industry leaders and experienced educators who bring real-world insights into the classroom. Our instructors are passionate about sharing their expertise and helping you succeed in your drone journey.

Meet Our Instructors

EXPERT INSTRUCTORS

Our team consists of highly qualified IIT professors and industry experts dedicated to providing high-quality instruction. With diverse backgrounds in engineering, aviation, and technology, our instructors bring invaluable insights and hands-on experience to the classroom.

What We Offer

ONLINE COURSES

- Flexible learning with a wide variety of topics accessible anytime, anywhere.

FREE COURSES

- Access high-quality educational content at no cost, making learning accessible to all.

HANDS-ON TRAINING

- Practical experience with real drones to develop essential skills.

LIVE LECTURE COURSES

- Engage with instructors in real-time, asking questions and participating in discussions.

SUMMER AND WINTER INTERNSHIPS

- Gain valuable industry experience through structured internship programs.

WEEKEND WORKSHOPS

- Short, intensive workshops designed for both students and professionals to enhance their skills.

TRAINING FOR FARMERS

- Specialized programs to help farmers utilize drones for precision agriculture and crop management.

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI AEROSPACE GROUP

AKSI DRONE ACADEMY

SKYSPARROW

THE FUTURE TAKES WING

Contact Us

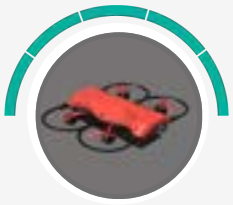
+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

SKYSPARROW

THE FUTURE TAKES WING

The SkySparrow training drone is an excellent platform for beginners, combining advanced yet easy-to-use components. Its lightweight brushless motor and durable polycarbonate propellers ensure stable, responsive flights, making it ideal for learning racing-style techniques.

KEY FEATURES



- Sturdy frame design
- Maximum flight time with LiHi batteries
- Compact frame with propeller guard
- RTL and Altitude hold GPS assistance
- Real time video feed with 4k HD camera

APPLICATIONS

- TRAINING PILOT
- HOBBYIST FLYING
- CINEMATOGRAPHY & PHOTOGRAPHY
- FPV RACING AND LEISURE
- ENVIRONMENTAL MONITORING
- EDUCATION AND RESEARCH

TECHNICAL SPECIFICATIONS

MAX PAYLOAD WEIGHT 20 grams	**MAX FLIGHT TIME** Up to 20 minutes (All Up weight)
MAX FLIGHT SPEED 35 m/s	**OPERATING ALTITUDE** Up to 1000 ft
FLIGHT MODES Acro, Loiter and alt hold	**BATTERY TYPE** Lithium Polymer (LiPo)
BATTERY CAPACITY 4200 mAh	**CHARGING TIME** 45 minutes
NAVIGATION SYSTEM GPS/GLONASS	**STRUCTURE** PLA and carbon fiber

Contact Us

+91-93419 71308
+91-84509 61308
business@aksiaerospace.com
www.aksiaerospace.com

AKSI
AEROSPACE GROUP

CONTACT US

Plot No 5-9-471/3/16P, 101 SAI KRISHNA ENCLAVE PH 3 Jawahar Nagar Tirumalagiri Hyderabad TG 500087 IN

+91-93419 71308 , +91-8450961308

www.aksiaerospace.com

business@aksiaerospace.com