

NEXTTECH



INTRODUCING

Atlas-V

Your Ultimate
Aerial Solution

Nextech presents ATLAS V, the cutting-edge Unmanned Aerial Vehicle designed to revolutionize your aerial operations. With its advanced features and state-of-the-art technology, ATLAS V takes your UAV experience to new heights.



Engineered with cutting-edge features and advanced capabilities, the ATLAS-V sets a new standard for versatility and performance in the UAV industry.

Endurance and Range

Featuring an advanced electric propulsion or efficient internal combustion engine with a long range tank, the ATLAS V stretches flight times. This exceptional endurance allows the UAV to cover vast areas and conduct prolonged missions without interruption, ensuring comprehensive surveillance capabilities.

The Nextech Atlas V pushes the boundaries of endurance, response time, rough weather handling, communication clarity and payload flexibility.



VTOL Capability

The Vertical Take-Off and Landing (VTOL) system allows the ATLAS V to operate without the need for runways or launch infrastructure. This agility is vital for conducting surveillance in challenging terrains and remote locations, making it the ideal choice for diverse landscapes.



Payload Versatility

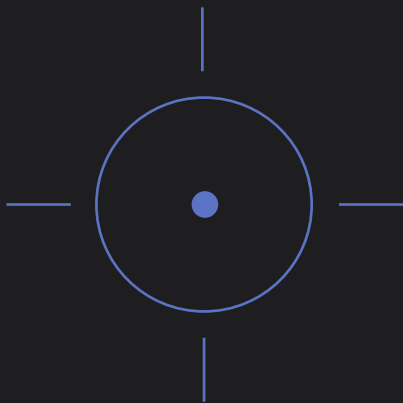
Equipped with a modular, hot swappable payload bay, payload system, ATLAS V supports various payloads, including high-resolution cameras, LiDAR sensors, thermal imagers, and multispectral cameras. Tailor the UAV to your specific needs effortlessly.

Rapid Deployment

ATLAS V is designed for swift deployment, allowing you to respond to critical situations promptly. Its quick launch capabilities ensure you are up and running within minutes.



Intelligent Autonomy



Experience seamless automation with ATLAS V's intelligent flight modes, including waypoint navigation, follow-me, and object tracking. Focus on your mission objectives while ATLAS V takes care of the flying.

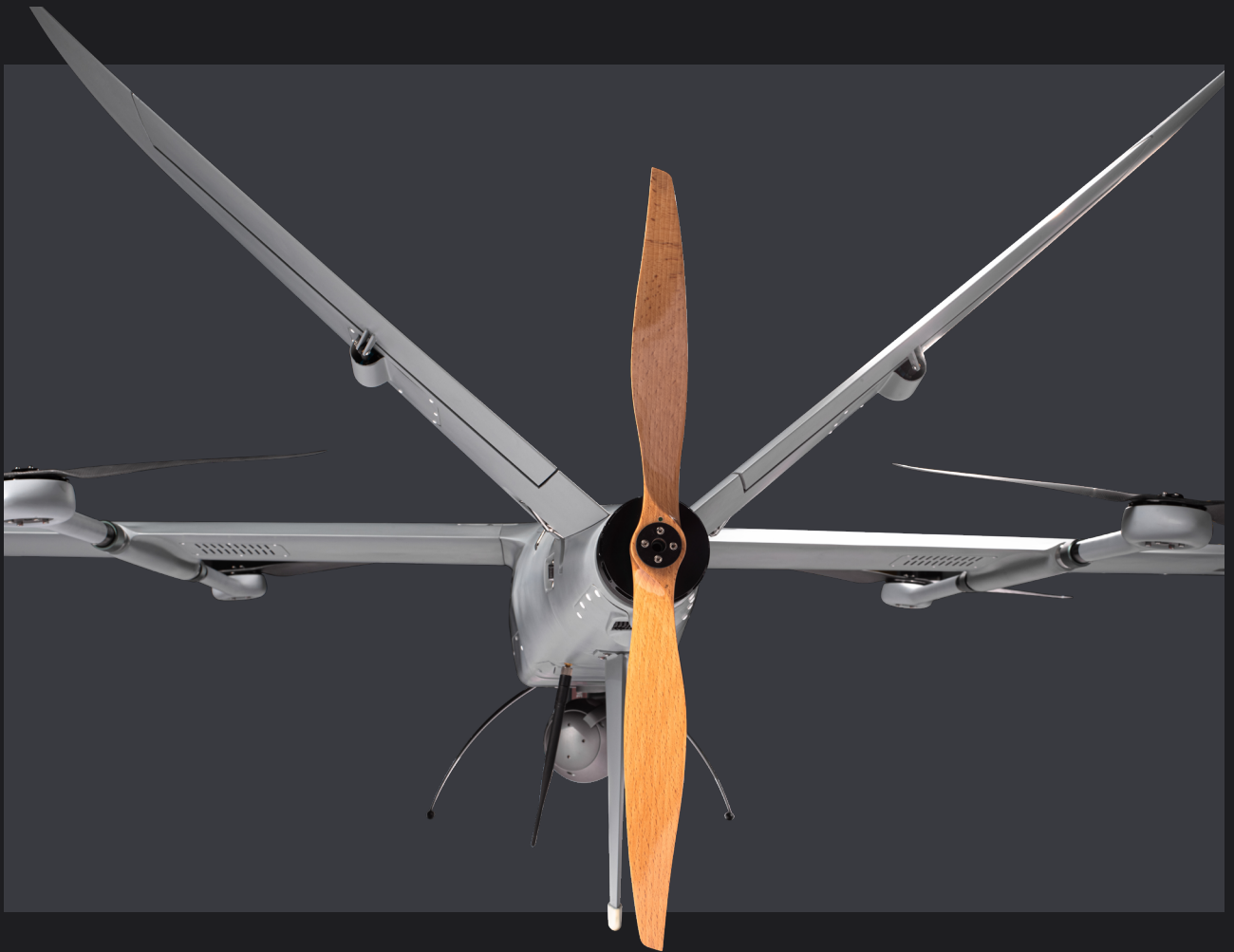
Real-time Data and Intelligence

In today's fast-paced world, real-time data and actionable intelligence are essential across various industries and applications.

The ATLAS V excels in providing live feeds and data transmission to central command centres, empowering organizations to make informed decisions and respond swiftly to any situations.

Secure Communication and Connectivity

Security is at the core of the ATLAS V's design. Utilizing advanced encryption protocols and secure communication channels, the UAV ensures that mission-critical data remains protected from unauthorized access.



Safety

ATLAS V puts safety first with geofencing and return-to-home features such as flight path retracing and spiral descent to auto-landing.

Versatility

The ATLAS T's quadcopter design extends its versatility to a wide range of applications, including

Surveying and Mapping

Gain high-precision data for topographical surveys, construction site inspections, and urban planning projects.

Agriculture

Optimize your crop management with multispectral imaging, NDVI analysis, and precision agriculture techniques.

Environmental Monitoring

Monitor wildlife, track changes in vegetation, and assess environmental conditions with ease.

Law Enforcement

Aid in search and rescue operations, state or mine security, anti-terrorism efforts, and city-wide surveillance.

Emergency Response

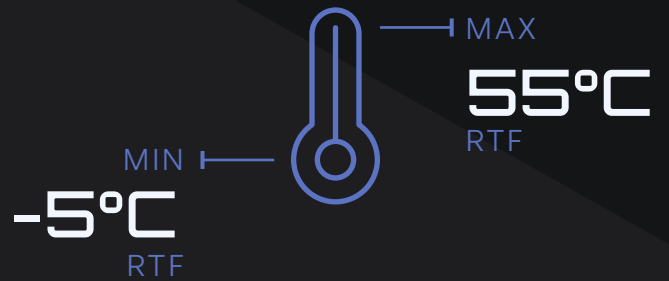
Support disaster management and relief efforts by providing real-time data on affected areas.

Surveillance and Security

Safeguard critical infrastructure and monitor valuable asset's efficiently, cutting time and costs.

Technical Specifications

Atlas V-E



WINGSP

4.1



MAX
TAKE-OFF
WEIGHT

32
kg



NETWORKING
PROTOCOL

SECURE

256 bit



MAX
PAYLOAD

5
kg



400
km

FLIGHT
PATH



80
km/h

CRUISE
SPEED

POWER SOURCE



ELECTRIC
LITHIUM-ION POLYMER
BATTERY (12S2P)

MAX ALTITUDE

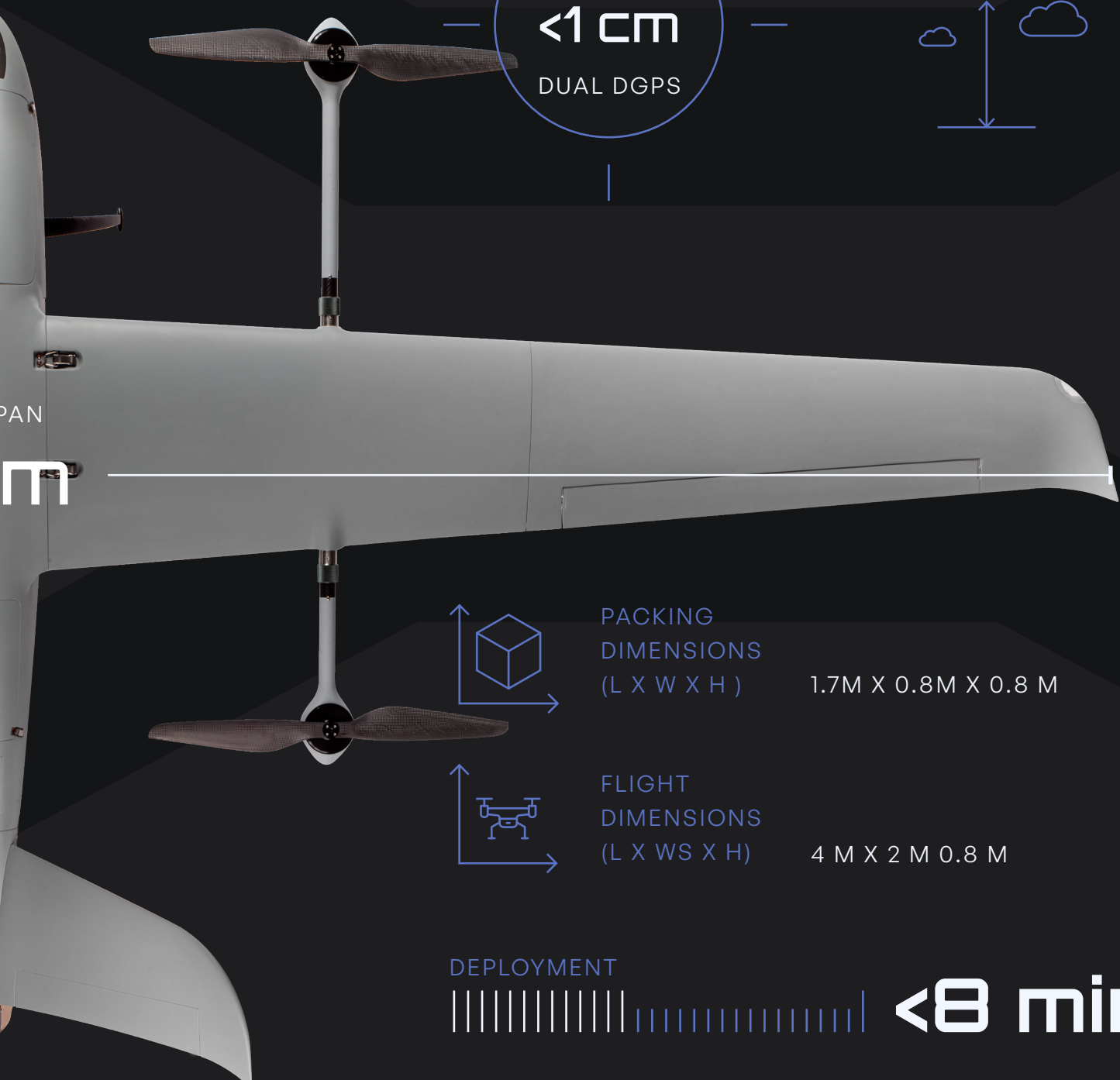
4,500 m



ACCURATE TO

<1 cm

DUAL DGPS

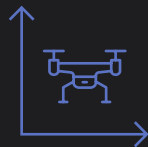


PAN
m



PACKING
DIMENSIONS
(L X W X H)

1.7M X 0.8M X 0.8 M



FLIGHT
DIMENSIONS
(L X WS X H)

4 M X 2 M 0.8 M

DEPLOYMENT



<8 min

Technical Specifications

Atlas V-F



 MAX TAKE-OFF WEIGHT

50 kg

 MAX PAYLOAD

15 kg

MAX ALTITUDE

4,500 m



800 km

FLIGHT PATH



PROPULSION

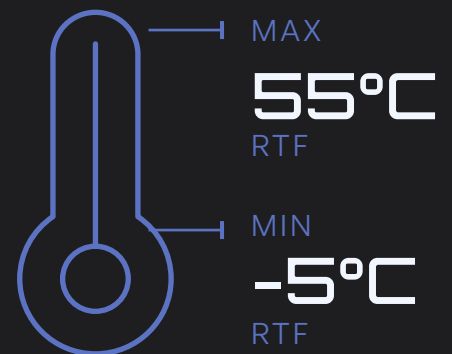


INTERNAL COMBUSTION

POWER SOURCE



ELECTRIC LIPO BATTERY (14S1P) / PETROL





NETWORKING
PROTOCOL

SECURE

256 bit



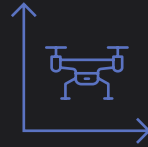
WINGSPAN

4.8 m



PACKING
DIMENSIONS
(L X W X H)

2 M X 0.6 M X 1 M
+ 2 M X 1 M X 0.8 M



FLIGHT
DIMENSIONS
(L X WS X H)

2.6 M X 4.8 M X 1 M

DEPLOYMENT



Support and Training

Nextech provides comprehensive customer support and training to ensure you make the most of your ATLAS V. Our team of experts is always ready to assist you with any inquiries or technical challenges.



Contact Nextech today to unlock the full potential of the ATLAS V and elevate your aerial operations to new heights.



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