

AN INEXPENSIVE, EASILY SERVICEABLE, HIGH PERFORMANCE MINI-UAS



KEY FEATURES

- **PROVEN RACE/FREESTYLE DRIVETRAIN**
- **NDAA-APPROVED, LOW-COST COMPONENTS**
- **RAPID SERVICEABILITY FOR MINIMAL DOWNTIME**
- **PAYLOAD AGNOSTIC FOR MISSION FLEXIBILITY**

BUILT FOR THE MISSION

Designed for high speeds, massive power output, and rapid-paced autonomous missions, the HAVEX combines a proven race/freestyle quadrotor drivetrain with a mission-ready payload agnostic airframe.

Rapid serviceability means the HAVEX is always ready for deployment, and the low-cost NDAA-approved components ensure it's easy to keep them in your arsenal.

OPERATIONAL ADVANTAGES



HIGH SPEED
Up to
70mph



HIGH POWER
Massive
Power Output



**RAPID
SERVICEABILITY**
Disassembly in
5 minutes for
fast turnaround



**SECURE BY
DESIGN**
AES-256
Encrypted
Telemetry



**MISSION
READY**
Autonomous,
Manual,
or Custom



**PAYLOAD
AGNOSTIC**
Built to integrate
a variety
of payloads

WWW.ARA.COM/AUSA
AUSA@ARA.COM

HAVEX

PRECISION DELIVERED



SPECIFICATIONS

Dimensions	9.0" x 9.3" x 2.9" (23.0 x 23.5 x 7.4 cm, no props)
Weight	0.75 lbs (0.34 kg, no battery)
Max Payload	2.2 lbs (1 kg)
Max Forward Speed	70 mph (32 m/s)
Max Altitude	~5000 ft
Communication Distance	6 mi (10 km)
Flight Duration	3–10 min (Mission Dependent)
Disassembly / Reassembly Time	5 min

UAS PERFORMANCE

Compatible Firmware	Ardupilot; PX4
Radio Performance	2.4GHz (configurable channel), MIMO, Mesh enabled, 20Mbps
Cybersecurity	AES-256 Data/Telemetry Encryption
Telemetry	Serial over UDP
Motors	1800KV BLDC
GPS	Standard GNSS, GLONASS, RTK compatible version coming soon
Flight Modes	Autonomous waypoint following, manual, custom vehicle launch
Compatible GCS Software	Mission Planner, QGroundControl, ATAK, any MAVLINK compatible software



COMPACT. AGILE. MISSION READY.

The HAVEX airframe is built for agility and endurance. Its compact footprint and rugged design deliver maximum performance in the most demanding environments.



Designed and built in the USA

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AUSA@ARA.COM