

**VECTOR™**

**Next-Gen Mid-Range eVTOL sUAS**



# Vector™ AI

**Next-Gen Mid-Range eVTOL sUAS**

ISR platform for land and maritime operations

Vector AI is a cutting-edge eVTOL sUAS platform for critical military, defense, and public safety missions, excelling in ISR with advanced automation and data capture. It supports multiple applications such as, artillery fire optimization, border security, search and rescue, disaster management, and law enforcement, enabling better decision-making and operations.

At Quantum Systems, we innovate drone technology by integrating hardware, software, and AI to redefine aerial intelligence. Our Vector AI sUAS delivers exceptional solutions for Multi-Domain Operations (MDO) and Software Defined Defense (SDD).

## TECHNICAL SPECIFICATIONS

Wingspan	2.8 m / 9.2 ft
Length	1.5 m / 4.9 ft
IP Rating	IP55
Data Link Range	40+ km
Data Link Freq.	2.2 - 2.5 GHz ; 4.4 - 4.9 GHz
Data Encryption	AES 256
AI Processing	2 x NVIDIA Jetson Orin
Packed Size	80 x 54 x 34.5 cm (31.5 x 21.3 x 16.6 in)

## FLIGHT PERFORMANCE

MTOW	9.5 kg
Flight Endurance	180+ min
Speed Range	15 - 20 m/s
Wind Tolerance	10 m/s (ground) 12 m/s (air)
Max. Take-Off Altitude (MSL)	3000 m
Max. Operating Altitude (MSL)	4000 m
Operating Mode	eVTOL



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All product specifications are subject to change without notice.

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