



RAVEN® B RQ-11

Raven® is the most widely deployed small unmanned aircraft system in the world, designed for rapid deployment and high mobility for military or commercial operations requiring low-altitude intelligence, surveillance and reconnaissance. Hand-launched, Raven provides situational awareness, day or night, with an operational range of 6.2 miles (10 kilometers) and delivers real-time video or infrared imagery to ground control and remote viewing stations via the Mantis™ i23 imaging payload system.

Rapid Deployment & High Mobility

RAVEN® B

DISTINCTIONS



»» LINK RANGE
10 km



»» WINGSPAN | »» LENGTH
4.5 ft (1.4 m) | 3 ft (0.9 m)



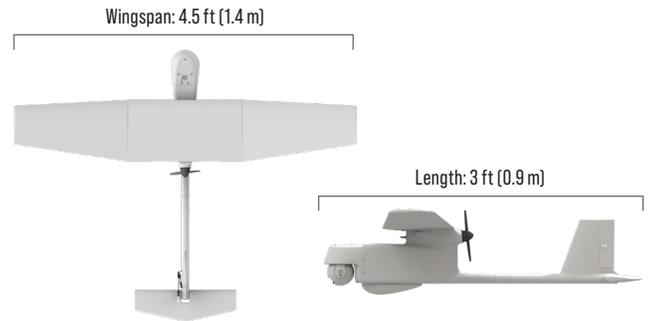
»» WEIGHT
4.8 lb (2.2 kg)



»» ENDURANCE
75+ min

SPECIFICATIONS

PAYLOADS	Mantis™ i23: Dual 5 MP EO/IR + LWIR Mantis™ i23 D: Dual 18 MP EO
SPEED	Cruise: 32 km/h (17 kts), Dash: 81 km/h (44 kts)
OPERATING ALTITUDE	100-500 ft (30-152 m) AGL, typical Max. launch 14k ft (4,267 m) MSL
GCS	Crysalis™ & legacy common GCS
LAUNCH METHOD	Hand-launched
RECOVERY METHOD	Autonomous or manual precision deep-stall landing



KEY FEATURES

- »» Backpackable, lightweight & hand launchable
- »» Field-swappable Mantis™ i23 & i23 D payloads
- »» Rugged for extended, reliable use in harsh environments
- »» Rapidly deployable ISR with real-time full-motion video



Downlink imagery from EO camera



Downlink imagery from IR camera