RAVEN® RQ-11B

Raven is a lightweight Unmanned Aircraft System (UAS) designed for rapid deployment and high mobility for both military and commercial applications, requiring low-altitude intelligence, surveillance, and reconnaissance (ISR). Raven is the most prolific small UAS deployed with the U.S. Armed Forces. The vehicle can be operated manually or programmed for autonomous operation, utilizing the system's advanced avionics and precise GPS navigation.

DISTINCTIONS

»»LINK RANGE
10 km

»»WINGSPAN
4.5 ft (1.4 m)

»»LENGTH
3 ft (0.9 m)

»»WEIGHT
4.2 lb (1.9 kg)

»»ENDURANCE
60–90 min

Wingspan: 4.5 ft (1.4 m)

Length: 3 ft (0.9 m)

SPECIFICATIONS

PAYLOADS	Advanced EO/IR; stabilized gimbal with IR pointer
LINK RANGE	10 km
ENDURANCE	60–90 min
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
WINGSPAN	4.5 ft (1.4 m)
LENGTH	3 ft (0.9 m)
WEIGHT	4.2 lb (1.9 kg)
GCS	Common GCS with Puma™ AE and Wasp® AE
LAUNCH METHOD	Hand-launched
RECOVERY METHOD	Deep-stall landing
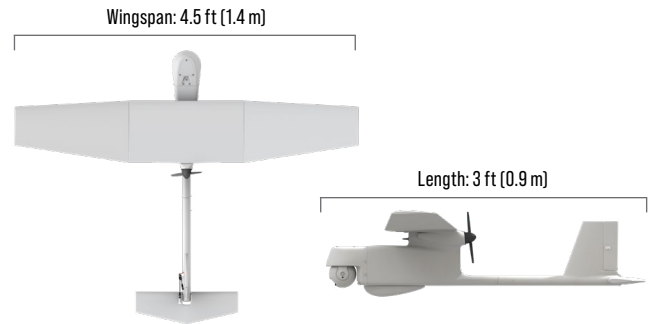
KEY FEATURES

» *Small size, lightweight & hand-launched*

» *Autonomous navigation & autoland*

» *Rugged for extended, reliable use in harsh environments*

» *Delivers realtime situational awareness*

» *Increases combat effectiveness and force protection*
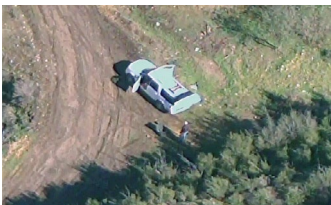
Downlink imagery from EO camera

Downlink imagery from IR camera

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