

# Raven® RQ-11A/B



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.



Downlink imagery from EO camera



Downlink imagery from IR camera



## SPECIFICATIONS

<b>PAYLOADS</b>	Dual Forward and Side-Look EO Camera Nose, Electronic Pan-tilt-zoom with Stabilization, Forward and Side-Look IR Camera Nose (6.5 oz payloads)
<b>RANGE</b>	10 km
<b>ENDURANCE</b>	60–90 min
<b>SPEED</b>	32–81 km/h, 17–44 knots
<b>OPERATING ALTITUDE (TYP.)</b>	100–500 ft (30-152 m) AGL, 14,000 ft MSL max launch altitude
<b>WINGSPAN</b>	4.5 ft (1.4 m)
<b>LENGTH</b>	3.0 ft (0.9 m)
<b>WEIGHT</b>	4.2 lbs (1.9 kg)
<b>GCS</b>	Common GCS with Puma™ AE and Wasp® AE
<b>LAUNCH METHOD</b>	Hand-Launched
<b>RECOVERY METHOD</b>	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