



# RAVEN

The Raven RQ-11A is a battle-proven solution designed for rapid deployment and high mobility for both military and commercial applications requiring low altitude surveillance and reconnaissance intelligence.

The most advanced SUAV deployed with the U.S. Armed Forces, the Raven can be operated manually or programmed for autonomous operation, utilizing the system's advanced avionics and precise GPS navigation.

With a wingspan of 4.5 feet and a weight of 4.2 pounds, the hand-launched Raven provides aerial observation, day or night, at line-of-sight ranges up to 10 kilometers. The Raven delivers color or infrared imagery in real time to the ground control and remote viewing stations.

<b>Mission Descriptions</b>	Remote Reconnaissance and Surveillance, Force Protection, Convoy Security, Target Acquisition, Battle Damage Assessment for Light Infantry, Dismounted Warfighter and Military Operations on Urban Terrain (MOUT).
<b>Features</b>	Simple Operation, Small Size, Lightweight, Hand-Launched, Autonomous Navigation, Autoland, Interoperable System Interface.
<b>Payloads</b>	Dual Forward- and Side-Look EO Camera Nose, Forward- and Slide-Look IR Camera Nose (6.5 oz payloads)
<b>Range</b>	10 km
<b>Endurance</b>	60–90 minutes (Rechargeable Battery), 80–110 Minutes (Single Use Battery)
<b>Speed</b>	32–82 kmph
<b>Operating Altitude (Typ.)</b>	100–500 ft (30–152 m) AGL, 14,000 ft MSL max launch altitude
<b>Span</b>	4.5 ft (1.4 m)
<b>Length</b>	3.0 ft (0.9 m)
<b>Weight</b>	4.2 lb (1.9 kg)
<b>Launch Method</b>	Hand-Launched
<b>Recovery Method</b>	Deep-Stall Vertical Landing

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