

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-launchable, 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**

DISTINCTIONS



Solution LINK RANGE 10 km

>>>> WINGSPAN

4.5 ft (1.4 m)

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4.8 lb (2.2 kg)

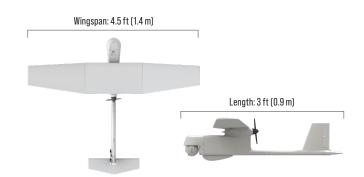
ENDURANCE 75+ min

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

>>>> LENGTH

3 ft (0.9 m)



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

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