

MK II

aeraccess[®]
airborne engineering research

HAWKEYE

INSTANT MANPORTABLE UAS FOR ISR APPLICATIONS

The *HawkEye MkII* is a 2kg UAS that provides real-time **day & night short-range reconnaissance**.

Inaudible at 150 feet AGL, extremely robust, rapidly deployable thanks to its **foldable structure**, this micro-drone is the ideal operator companion in the field.

The *HawkEye MkII* autonomy reduces the operator workload with advanced features and flight modes.

With its **encrypted AES 256 datalink** and video transmission, the UAV is **resistant to cyber-attacks**. It can also operate in GPS-denied environment in manual mode thanks to its intuitive operator interface and **ruggedized control tablet**.

This micro-drone carries a large number of **plug & play payloads** including EO, dual EO/IR.

The *HawkEye MkII* operates in all weather, all locations and provides on-demand intelligence to enhance **force protection, mitigate operational risk** and feed real-time video to the ground force commander.

CHARACTERISTICS

Dimensions folded / unfolded:
360x250x130 mm / 830x900x130 mm

Weight: **2kg**

Dual Low-light visible & **Thermal camera**
(various zoom and resolution)

Full **360°/90°** or **160°/90°** steerable motion

Flight endurance: **25 minutes**

Operating temperature: **-10°C to +50°C**

Wind Operation: **up to 40 km/h**

Range: **up to 10 km**

Encrypted **AES 256-bit SSL RF network**

Flight modes: Manual and **semi-autonomous / waypoint**, link-loss

procedures, programmable mission

Features: **obstacle avoidance**, image stabilization



Short-Range Reconnaissance

Perimeter Surveillance

Tactical Situational Awareness

