

Hermes™ 650 Spark

Next-Generation Multi-Role & Multi-Payload Tactical UAS



Built on the heritage of the Hermes™ family of unmanned aerial systems (UAS), the Hermes™ 650 Spark expands the operational flight envelope with next-generation multi-mission capability, versatility and survivability.



Exceptional payload capacity



Flexible payload configurations



Extended operational flight envelope



Multi-role for different users

Main Highlights

The versatile Hermes™ 650 Spark tactical UAS incorporates redundant and highly safe distributed avionics systems, take-off and landing from short runways and auto-taxi. The UAS provides operators with a "server in the sky" for onboard real-time data analytics, and prognostics & health management utilizing AI-based algorithms



Multi-payload and high payload capacity

Enabling multiple payloads simultaneously in addition to a high-quality EO.

260kg useful load with 8 modular storage stations - 2 payload bays and 6 hard points.



Advanced avionics architecture

Capable of integrating enhanced capabilities, analytics and smart digital maintenance.



Long endurance and SATCOM

LOS of 300km, with SATCOM capabilities and extended endurance of up to 24 hours.



Low operating costs

Minimal technical crew and support equipment, short turn-around time between flights and highly automatic pre-flight inspection.

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Payload Examples



EO/IR/SWIR



Radar



ELINT



COMINT



SkEye WAP5™

Wide Area Persistent Surveillance

Key Features



BLOS range



Advanced avionics



Wide range of flight speeds



Long-endurance of up to 24h



Multi-purpose payload bay



Advanced flight modes



NATO STANAG 4671 Compliant

Technical Specifications

MTOW	650kg
Forward Payload Capacity	70kg
Rear Payload Capacity	100kg
Useful Load	260kg (fuel capacity up to 140kg)
Service Ceiling	22,000ft
Speed Range	55-120kts
Short Runway Operation	800m (takeoff under 200m)

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