

# Aeryon Scout Technical Specifications

Deployment	VTOL (Vertical Take-off and Landing)
Operational Range	3 km
Operational Duration	Up to 25 minutes
Operational Velocity	Up to 50 km/h
Wind Limit	50 km/h (Gusts to 80 km/h)
Maximum Altitude	500 m
Dimensions	80 cm x 80 cm x 20 cm
Operational Weight	Approx. 1.3 kg
Payload Weight	Up to 400 grams
Payloads	Photo3S High Resolution Camera
	Thermal FLIR Infrared Camera
	Photo3S-NIR Camera
Power Source	Intelligent LiPo battery
Communications	Wireless modem and/or 802.11 b/g WiFi
Autonomy	GPS way-point profiles, fail-safe return home
IMU	Custom designed (15+ sensors)
GPS capability	WAAS, EGNOS, MSAS, GAGAN capable
Certifications	FCC Class A
	FCC Part 15 (900Mhz)
	FCC Part 15 (2.4Ghz)