

AYBARS-1

AEROGARD VTOL 3800-H



UAV Technical Specifications

Model	VTOL 3800-H
Takeoff	VTOL
Wing Span	3.8 m
Body Length	2.5 m
Maximum Takeoff Weight	50 kg
Payload	10-15 kg
Propulsion System (Vertical)	4x Brushless DC Motor
Propulsion System (Horizontal)	1x 120 cc EFI Engine
Material	Composite
Range / Data Link	25–150 km (Optional)
Flight Time	2h – 15 kg payload 4h – 10 kg payload
Operational Speed	100–120 km/h
Maximum Speed	130 km/h
Altitude	MSL 12.000 ft
Ground Control Station (GCS)	Dual Parallel Touch Screen Windows GCS
Camera	30x Zoom, 50 mm Lens Thermal (640x512 px) & 8–10 km LRF or customer choice camera