



HIGH EYE

AIRBOXER[®]



FACTSHEET



HIGH EYE





HIGH EYE

AIRBOXER®

SPECIFICATIONS

Dimensions	Approx. 1661 X 539 X 600 mm
Environmental Resistance	IP 67, -10°C To +45°C
Max. Precipitation	Medium
Icing Conditions	Not Allowed
Max. Take-Off Weight	25.00 - 30.00 Kg
Basic Empty Weight	20.50 Kg
Max. Payload Weight	7.0 Kg
Max. Indicated Airspeed (IAS)	70 Kts - 129 Km/h
Electrical System	3 Phase Alternator 28V @ 700W
Electromagnetic Interference	All Avionics/Connectors Shielded
Back-Up Battery	LION + BMS
Main & Tail Rotor Type	Fully Articulated & Friction Damping
Engine Type	2-Stroke Twin-Cylinder
Engine Size	80 CC
Engine Cooling	Active Air Cooling (AAC)
Induction Type	Redundant Injection System
Fuel Type	Heavy Fuel: Jet A1 (NATO F-35), JP-5 (NATO F-44)
Total Fuel Capacity	6.5 Litres
Fuel Consumption 0 Kts/Hover	2.2 L/h
Fuel Consumption 30 Kts	1.6 L/h
Fuel Consumption 60 Kts	2.1 L/h
Max. Endurance	3:06 Hours (*ISA Conditions at Sea Level, 5 kg payload)
Endurance 100% Hover	2:11 Hours (*ISA Conditions at Sea Level, 5 kg payload)
Autopilot Type	Failure-Redundant INS Based, Dual CPU
INS Sensor Type	MEMS
Autopilot Modes	Hover/Waypoint/Follow/Take-Off/Landing
Frequency	900 - 5900 Mhz Bands Standard 2.3 - 2.5 Ghz
Max. Bandwidth	20 Mhz, 100 mb/s +
Antenna Type (Airborne)	Dipole Vertical 3 dbi (2x)
Line Of Sight Range	50 Km
Communication Type	Encrypted Dual IP/Ethernet
Pilot's-View Camera	HD
Time Between Inspections	50 Hours/annual
Airframe TBO	1,000 Hours
Engine Time Between Replacements	200 Hours/4th annual



HIGH EYE

FOLLOW US ON SOCIAL MEDIA



info@higheye.com



+31 85 041 0196



Cornelis Lelystraat 12
3316 ET Dordrecht
The Netherlands