



HIGH EYE



AIRBOXER



## HIGH EYE

Dimensions	1661x539x600 mm
Environmental resistance	IP 67, -10 C to +45 C
Max. precipitation	Medium
Icing conditions	Not allowed
Max. take-off weight	30.00 kg
Basic empty weight	20.50 kg
Max. payload weight	5.0 kg
Max. indicated airspeed IAS	70 kts - 129 km/h
Electrical system	3 phase alternator 28 V @ 350 W
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
Induction type	Redundant injection system
Fuel type	Jet A1/JP5
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	4:06 hours
Endurance 100% hover	2:57 hours
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)
Max. radio output	4 W
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