



AUXOBIT

A E R O S P A C E

PHYSICAL

Hull Dimensions (L x W x H)	1100mmx380mmx220mm
Material	Glass fiber, Carbon fiber, Kevlar and Polylactic acid
Weight(w/o battery)	6kg
Max all up weight	10kg
Hull Design	Catamaran
Draft	13cm
Navigation Light	4 colour light
Wind Resistance	6 Knots

COMMUNICATION

Data communication	Network bridge 5km
RC communication	2.4Ghz
Remote control range	5km
Navigation mode	Manual and Auto-pilot
Data storage	On-board
Encryption	128 bit AES

POWER

Type	Electric
Propeller type	Brushless electric
Direction control	Differential thrust
Maximum motor power	650 watt
Maximum motor speed	4000 rpm
Maximum speed	5m/s

POSITIONING

Satellite System	GPS, Galileo, Glonass, QZSS
Single point position	Horizontal- 1.5m , vertical- 3m
RTK positioning Accuracy	Horizontal- 0.5m , Vertical- 1.5m

SINGLE BEAM ECHO SOUNDER

Data Type	NMEA
Weight	250g
Sounding range	0.2m - 300m
Sounding accuracy	99.8% at 100m
Resolution	0.01m
Frequency	115khz
Beam Angle	25 deg
Supply voltage	5v DC