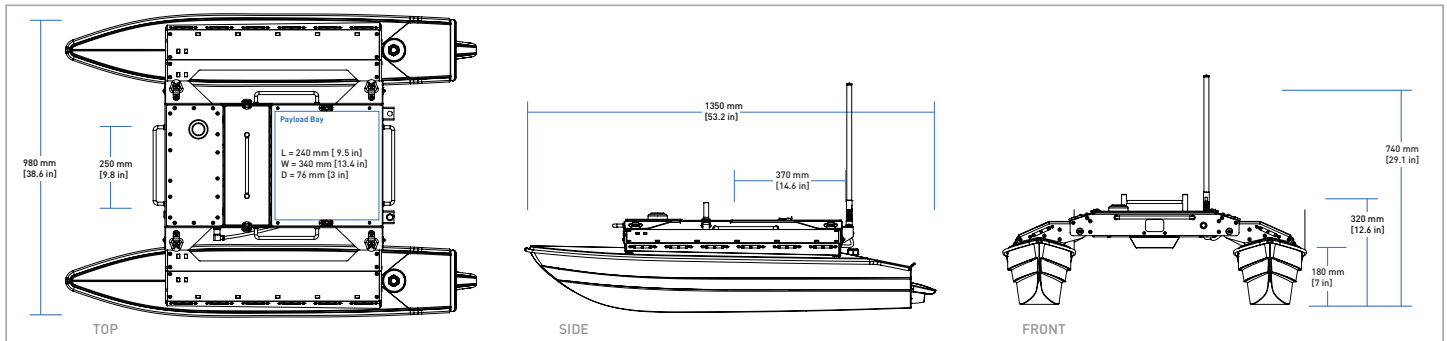


HERON™

UNMANNED SURFACE VESSEL



TECHNICAL SPECIFICATIONS

SIZE AND WEIGHT	
DIMENSIONS DEPLOYED (L x W x H)	1350 x 980 x 320 mm (53.2 x 38.6 x 12.6 in)
DIMENSIONS STORED	1350 x 560 x 330 mm (53.2 x 22.0 x 13.0 in)
WEIGHT	28 kg (62 lbs)
DRAUGHT	120 mm (4.7 in)
SPEED AND PERFORMANCE	
RATED PAYLOAD	10 kg (22 lb)
MAX. SPEED	3.3 kn (1.7 m/s)
DRIVE POWER	70 W, 40 N total thrust
PROPULSION	Water jet (electric)
BATTERY AND POWER SYSTEM	
BATTERY CHEMISTRY	NiMH
CAPACITY	29 Ah @ 14.4 V
RUNTIME (Standby)	7.5 hrs
RUNTIME (Nominal use)	2.5 h @ 1.0 m/s
CHARGE TIME	8 hrs
INTERFACING AND COMMUNICATION	
CONTROL MODES	Tele-op, programmable, GPS Waypoint Navigation Available.
FEEDBACK	Battery voltage, motor currents, control system status, temperatures.
COMMUNICATION	Ethernet, RS232
WIRELESS	2.4 GHz
BASE SENSORS	GPS, IMU
DRIVERS AND APIs	ROS, C++, MOOS-IvP
ENVIRONMENTAL	
OPERATING AMBIENT TEMPERATURE	-10 to 30 °C (14 to 86 °F)
STORAGE TEMPERATURE	-40 to 50 °C (-40 to 122 °F)
RATING	IP 65

Contact us today for pricing and a free 30 minute technical assessment: 1-800-301-3863