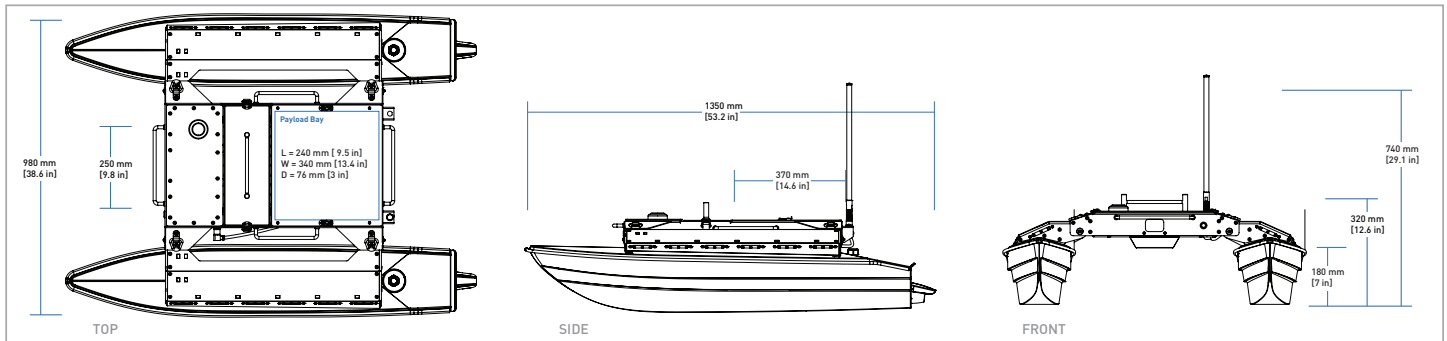


# KINGFISHER™

## UNMANNED SURFACE VESSEL



## TECHNICAL SPECIFICATIONS

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

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