

# OCEANBOTICS™

PROFESSIONAL GRADE  
UNDERWATER DRONES

## SRV-8X

**STRONG**  
THRUSTERS

**RUGGED**  
DESIGN

**LARGE**  
PAYLOAD

**POWERFUL**  
SOFTWARE





# SRV-8X

## SPECIFICATIONS

### VEHICLE

DIMENSIONS	LENGTH-64CM (25") WIDTH-51 CM (20") HEIGHT-43CM (17") WEIGHT-25KG(55LBS)
MANEUVERABILITY	ULTIMATE MANEUVERABILITY WITH DVC (DYNAMIC VECTOR CONTROL) 6 DEGREES OF FREEDOM – FULL MOVEMENT IN ANY DIRECTION
THRUSTERS	8 LARGE BRUSHLESS DC THRUSTERS
BATTERY	UP TO 8 HOURS
BATTERY SOURCE	DUAL HOT-SWAPPABLE BATTERY MODULES
DEPTH RATING	500 METERS (1640FT)
CAMERA	HD CAMERA - TOTAL CAMERA TILT RANGE 140 DEGREES
LIGHTS	4EA REACH ROBOTICS LIGHTS (6000 LUMEN TOTAL)
NAVIGATION	COMMERCIAL GRADE AHRS/IMU,PRECISE HEADING,ALTITUDE, PITCH & YAW
SENSORS	DEPTH SENSOR (METERS OR FEET), TEMPERATURE (°C OR °F), TURNS COUNTER,SENSORS FOR HEADING AND DEPTH,HUMIDITY SENSOR
EXTERNAL SENSOR INPUTS	2EA EXTERNAL DEVICES VIA RS232 OR RS485 4EA EXTERNAL DEVICES VIA ETHERNET, FIBER OPTIC TETHER READY
GRABBER	3-JAW GRABBER, 2-JAW GRABBER, CUTTER, SEDIMENT SAMPLER (HEADS INTERCHANGEABLE)

### TOPSIDE (DIGITAL SURFACE STATION)

TETHER	250M (328FT) TETHER PROVIDED,4.5MM DIAMETER, FIBEROPTIC OPTION AVAILABLE
REEL	400 METER (1,312FT) CAPACITY WITH SLIP RING FIBEROPTIC TETHER MANAGEMENT SYSTEM AVAILABLE
CONTROLLER	XBOX OR ALPHA FLIGHT-STICK
DIGITAL SURFACE STATION	RUGGED PC NOTEBOOK,DIGITAL INTEGRATION MODULE OR,MOBILE PILOT STATION W/RUGGED TABLET OPTION
CASES INCLUDED	TRANSPORT CASES WITH WHEELS

### SOFTWARE

SUBNAV-X™	BEST IN CLASS SUBNAV-X™ SOFTWARE SEAMLESSLY INTEGRATES ACCESSORIES FOR AN EASY TO USE & ALL-IN-ONE EXPERIENCE
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### SONAR (OPTION)

IMAGING SONAR	OCULUS 3D IMAGING SONAR FULLY INTEGRATED WITH SUBNAV-X™ SOFTWARE.
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### NAVIGATION (OPTION)

USBL	SEATRAC USBL NAVIGATION FULLY INTEGRATED WITH SUBNAV-X™ SOFTWARE
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ON SITE OR REMOTE TRAINING AVAILABLE