



DEEP TREKKER DTX2

EXTREMELY CAPABLE, FULLY PORTABLE VECTORED ROV



UNMATCHED MANEUVERABILITY.

DEEP TREKKER'S PATENTED PITCHING SYSTEM IS COMBINED WITH POWERFUL VECTORED THRUSTERS FOR UNPRECEDENTED FLEXIBILITY AND MOVEMENT IN THE WATER. FORWARD, REVERSE, UP, DOWN, AND LATERAL MOVEMENTS ARE AVAILABLE IN 360 DEGREE VERTICAL AND HORIZONTAL PLANES USING ONLY 4 THRUSTERS. VERTICAL MOVEMENTS ARE ACCOMPLISHED USING THE MAIN THRUSTERS INSTEAD OF RELYING ON SUBSTANDARD VERTICAL THRUSTERS, PROVIDING UNMATCHED SPEED & MANEUVERABILITY.



LIKE NO ROV YOU'VE SEEN BEFORE.

IT DOESN'T LOOK LIKE ROVS BECAUSE IT'S NOT LIKE OTHER ROVS. THE RUGGED, ROBUST DEEP TREKKER DTX2 WAS DESIGNED WITH TOUGH JOBS IN MIND, BUT WITH INTENSE ATTENTION GIVEN TO THE USER EXPERIENCE. TAKING ITS CUES FROM LARGER ROVS, THE DTX2 BRINGS ALL OF THE FUNCTIONALITY REQUIRED FOR DIFFICULT JOBS, BUT WITHOUT THE USUAL COMPLEXITY. BUILDING ON THE PROVEN DTG2 PLATFORM, DEEP TREKKER OFFERS UNPARALLELED EASE OF USE AND SIMPLISTIC SOPHISTICATION.



DESIGNED FOR CHALLENGING ENVIRONMENTS.

THE DTX2 IS BUILT TO WORK IN THE DEMANDING SITUATIONS. BUILT TO LAST WITH HOUSINGS MADE OF ANODIZED AND POWDER COATED DIE CAST ALUMINUM, THE DTX2 CAN TAKE A BEATING, BUT NOT BREAK THE BANK. THE 4 VECTORED THRUSTERS HAVE BEST IN CLASS THRUST FORCE FOR WORKING IN CURRENT TO EFFICIENTLY PERFORM YOUR MOST DIFFICULT INSPECTIONS.



KEY FEATURES

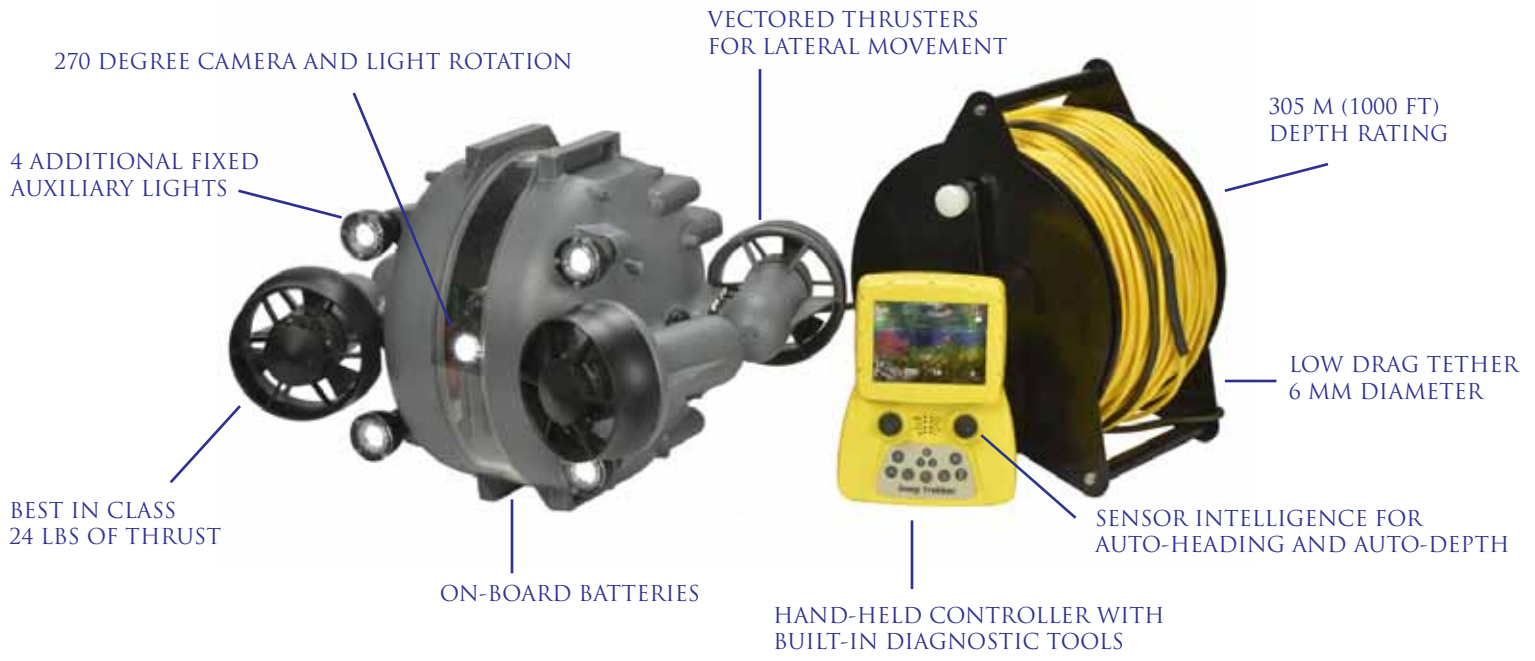
- > DEPTH RATED TO 305 M (1000 FT)
- > PATENTED PITCHING SYSTEM AND VECTORED THRUSTERS FOR LATERAL MOVEMENT
- > LOW-LIGHT, HIGH DEFINITION CAMERA
- > RAPID DESCENT AND ASCENT USING MAIN THRUSTERS
- > 270 DEGREE CAMERA ROTATION
- > 3 - 6 HOUR BATTERIES ON THE ROV - NO TOP SIDE POWER REQUIRED



DEEP TREKKER
DTX2
EXPLORING NEW WORLDS

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DEEP TREKKER DTX2 SHOWCASE



DEEP TREKKER DTX2 SPECIFICATIONS

ROV GENERAL SPECIFICATIONS:

WIDTH:	495 MM (19.5")
HEIGHT:	380 MM (14.9")
LENGTH:	630 MM (24.8")
WEIGHT (IN AIR):	26 KG (58 LB)
BODY MATERIAL:	ANODIZED CAST ALUMINUM
WINDOW MATERIAL:	ACRYLIC
DEPTH RATING :	305 M (1000 FT)
OPERATING TEMPERATURE:	-5°C TO 40°C (23°F - 104°F)
SPEED:	3 KNOTS
SYSTEM COMMUNICATION:	RS485
SPARE COMMUNICATION:	RS485
WARRANTY:	2 YEARS - PARTS AND LABOUR

ROV TETHER:

TETHER DIAMETER :	6.0 MM (0.24 IN)
TETHER LENGTH :	150 M, 300 M (492 FT , 1000 FT)
CUSTOM LENGTHS :	UP TO 400 M (1,312 FT)
TETHER WIGHT :	NEUTRALLY BUOYANT IN WATER
TETHER CONSTRUCTION :	POLYURETHANE OUTER JACKET WITH EMBEDDED LIGHT WEIGHT SYNTHETIC FIBRES
MAXIMUM WORKING STRENGTH :	45 KG (100 LB)
MINIMUM BREAKING STRENGTH :	136 KG (300 LB)

ROV ELECTRICAL SYSTEM:

SYSTEM VOLTAGE:	16.0 VDC
BATTERY RUN TIME:	3 - 6 HOURS
BATTERY RECHARGE TIME:	3 HOURS
THRUSTER CONTROL:	4 X INDEPENDENT INFINITELY VARIABLE 100% REVERSIBLE VARIABLE GAIN VECTORED CONFIGURATION FOR LATERAL MOTION

LIGHTS AND CAMERA:

CAMERA:	COLOUR 700 HD 0.01 LUX WIDE FOCUS RANGE 270 DEGREES OF ROTATION HIGH POWERED HIGH EFFICIENCY LED FLOOD 1 X TRACKING WITH CAMERA 4 X BODY FIXED
FLOOD LIGHT:	

CUSTOMIZE

