

DEEP TREKKER DTG2 SPECIFICATIONS

ROV GENERAL SPECIFICATIONS:	
WIDTH	325 MM (12.8')
HEIGHT	258 MM (10.2')
LENGTH	279MM (11.0')
WEIGHT (IN AIR)	8.5 KG (18.7 LB)
BODY MATERIAL	PLATED CAST ALUMINUM
WINDOW MATERIAL	PMMA
DEPTH RATING	75 M (250 FT)
OPERATING TEMPERATURE	0 C TO 40 C (32 F – 104 F)
WARRANTY	1 YEAR – PARTS AND LABOUR



ROV ELECTRICAL SYSTEM:	
SYSTEM VOLTAGE	19.2 VDC
BATTERY RUN TIME	100% THRUSTER DUTY CYCLE – 2HRS
	75% THRUSTER DUTY CYCLE – 3HRS
	50% THRUSTER DUTY CYCLE – 4HRS (MOST COMMON)
	25% THRUSTER DUTY CYCLE – 8 HOURS
BATTERY RECHARGE TIME	3 HOURS
THRUSTER CONTROL	INDEPENDENT
	INFINITELY VARIABLE
	100% REVERSIBLE



LIGHTS AND CAMERA:	
CAMERA	COLOUR
	700 HD
	0.01 LUX
	WIDE FOCUS RANGE
	270 DEGREES OF ROTATION
FLOOD LIGHT	HIGH POWERED HIGH EFFICIENCY LED FLOOD
	TRACKING WITH CAMERA



ROV TETHER:	
TETHER DIAMETER	5.0 MM (0.19')
TETHER LENGTH	50-100 M (164-328 FT)
TETHER WIGHT	NEUTRALLY BUOYANT IN WATER
TETHER CONSTRUCTION	POLYURETHANE OUTER JACKET WITH EMBEDDED LIGHT WEIGHT SYNTHETIC FIBERS
MAXIMUM WORKING STRENGTH	25 KG (55 LB)
MINIMUM BREAKING STRENGTH	41 KG (90 LB)



ROV CONTROLLER:	
CONTROLLER LEDS INDICATE	POWER ON
	FLOOD LIGHT ON
	LOW CONTROLLER BATTERIES
	LOW ROV BATTERIES
	LEFT THRUSTER ERROR
	RIGHT THRUSTER ERROR
	COMMUNICATION ERROR
	LEAK ALARM
	PITCH STALL ERROR
	2 AXIS JOYSTICK – INFINITELY VARIABLE
	1 AXIS JOYSTICK – INFINITELY VARIABLE
THRUSTER CONTROL	
PITCH CONTROL	
CAMERA CONTROL	2 BUTTONS (UP AND DOWN)
FLOOD LIGHT CONTROL	1 ON-OFF BUTTON

