

# 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 :	PAINTED CAST ALUMINUM
WINDOW MATERIAL :	PMMA
DEPTH RATING :	
STARTER :	75 M (250 FT)
PRO :	75 M (250 FT)
SMART :	125 M (410 FT)
WORKER :	125 M (410 FT)
OPERATING TEMPERATURE :	-5°C TO 40°C (23°F – 104°F)
SPEED :	2.5 KNOTS
WARRANTY :	1 YEAR – PARTS AND LABOUR



## ROV ELECTRICAL SYSTEM :

SYSTEM VOLTAGE :	19.2 VDC
BATTERY RUN TIME :	4 - 8 HOURS
BATTERY RECHARGE :	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
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FLOOD LIGHT :	HIGH POWERED HIGH EFFICIENCY LED FLOOD TRACKING WITH CAMERA
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## ROV TETHER :

TETHER DIAMETER :	5.0 MM (0.19')
TETHER LENGTH :	50 M, 75M, 100M, 150M (164 - 492 FT)
CUSTOM LENGTHS :	UP TO 400 M (1,312 FT)
TETHER WEIGHT :	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 :	90 KG (200 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
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THRUSTER CONTROL :	2 AXIS JOYSTICK – INFINITELY VARIABLE
PITCH CONTROL :	1 AXIS JOYSTICK – INFINITELY VARIABLE
CAMERA CONTROL :	2 BUTTONS (UP AND DOWN)
FLOOD LIGHT CONTROL :	1 ON-OFF BUTTON

