

DTG3 REMOTELY OPERATED VEHICLE [ROV]

Intelligence and advanced capabilities make this portable, commercial-grade remotely operated vehicle the best in its class.




 DEEP TREKKER™




MEET THE DTG3 ROV

The DTG3 is a mini observation-class underwater ROV built to provide operators the ability to quickly deploy and visually inspect underwater environments within minutes.

 200m (656ft) depth rating

 Up to 8-hour battery operation

 HD camera

 Expeditionary transport case



Complete portability

Quickly deploy this ROV with one case and a self contained battery operated system.



Unmatched maneuverability

The patented pitch system gives the pilot ultimate control.



Powered by BRIDGE

Enhanced operation capabilities with a seamless technology platform.

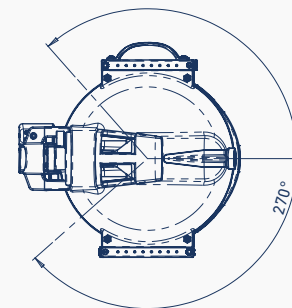
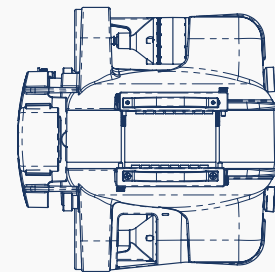
GENERAL SPECIFICATIONS

ROV General Specs

Width :	325 MM (12.8")
Height :	258 MM (10.2")
Length :	279 MM (11.0")
Weight (in air) :	8.5 KG (18.7 LB)
Body Material :	Die Cast Aluminum
Window Material :	Acrylic
Depth Rating :	200 M (656 FT)
Operating Temp :	-10°C to 50°C (14°F – 122°F)
Case (optional) :	Custom Pelican Air 1637 Handle and Wheels
Drives/Thruster:	Magnetically Coupled/Sealed
Warranty :	1 Year – Parts and Labor (optional 2-3 yrs)

ROV Electrical System

System Voltage :	19.2 VDC
Battery Run Time :	Up to 8 Hours (Hybrid power capable)
Thruster Control :	Independent Infinitely Variable 100% Reversible



FULL HD VIDEO RECORDING

The HD internal camera is easy to use, with live zero latency viewing on the handheld controller and a 270 degree rotating field of view. Switch to photo mode to snap photos up to 8 megapixels. Record inspections and underwater operations directly to the handheld controller.

The patented pivoting technology brings the ability to adjust the angle of your camera, lights and laser scaler 270-degrees above and below the unit while holding its position in the water. An enhanced viewing and recording experience provide smarter inspections with its live, full HD video and weatherproof, handheld controller.

DTG3 NAVIGATOR PACKAGE | A SURVEYORS DREAM

An added precision thruster and advanced USBL positioning system make the Navigator Package an extremely advanced and maneuverable ROV with the same portability and durability Deep Trekker pilots are accustomed to.

The precision thruster at the rear of the vehicle enables users to move up and down without utilizing the pitch function. With the precision thruster engaged, pilots can make depth changes without any rotation of the ROV, making it ideal for the trickiest of observation needs. The ultra short baseline (USBL) system uses triangulation to indicate the position of the ROV. Wifi enabled maps allow you to see where both the controller and the ROV are located on a detailed map.



POWERED BY BRIDGE TECHNOLOGY

An intelligent, technology platform from Deep Trekker. An operating system designed with custom hardware and software; for control, integration, communication and enhanced operation.

Enable the ability to fuse all sensor data into one handheld, weatherproof controller. See positional data, direct imaging sonar feed and more - all alongside the ROV live video feed.

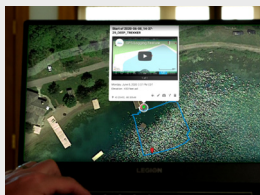
VEHICLE COMPONENTS



DTG3 Navigator Package



Imaging Sonar



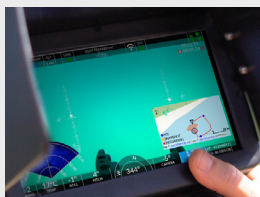
Post-Dive Logging



Grabber Arm



Precision Thruster



USBL Positioning



Simplified control



Seamless integrations



Constant communication



Enhanced operations

7" LCD Controller	✓	✓	✓	✓
FULL HD Low Light Camera	✓	✓	✓	✓
270° Total Range	✓	✓	✓	✓
200M Depth Rating	✓	✓	✓	✓
Starting Tether Length	50M	75M	100M	200M
Tether Reel	-	✓	✓	✓
Grabber Arm	-	-	✓	✓
Laser Scaler	-	-	✓	✓
Sensor Pack	-	✓	✓	✓
Altitude Sensor	-	-	-	✓
Lighting	✓	✓	✓	✓
Microphone	-	-	✓	✓
USBL Positioning	-	-	-	✓
Precision Thruster	-	-	-	✓
Hybrid Power	✓	✓	✓	✓
Carrying Case	-	✓	✓	✓
Fully Assembled and Tested	✓	✓	✓	✓
Warranty	One Year	One Year	One Year	One Year
Online Training	-			✓

EXTRA ADD-ONS

Imaging Sonar
 Mechanical Sonar
 USBL
 Cygnus Thickness Gauge
 NDT Tools
 Grabbers and Manipulators

Sediment Samplers
 Water Samplers
 Additional Cameras
 Additional Lighting
 Custom Tether Lengths
 Net Patch Kit

Mort Pusher Kit
 Cutter Attachment
 Service Kits
 Operational Enhancements
 Application Based Tools

UNDERWATER REMOTELY OPERATED VEHICLES & ROBOTS

With over a decade of proven performance, Canadian company, Deep Trekker, is one of the largest underwater ROV manufacturers in the world – delivering high quality, robust and portable underwater robots to industries ranging from aquaculture to municipal contracting, military and defense, search and rescue, shipping, infrastructure and more.

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