

## **DEEP TREKKER DTG2-STARTER MINI ROV**



**The DTG2 STARTER model comes complete with a 50 m tether, a 75m depth capability, and now with the Super Bright Screen Controller. For the first completely portable remotely operated vehicle**

The innovative design of DTG2 is like no other ROV on the market. Powered by on-board rechargeable batteries, this 19.2V system offers many advantages over the typical top side powered ROVs. The on-board batteries reduce tether diameter and eliminate power losses through long power feeds. A

smart charger simply plugs into the back of the ROV when back on shore and indoors. On-board sensors monitor the motor's status and will immediately cut power if there is a fault. Additional sensors track the battery and warn the operator of low levels. A low battery is not of any concern as the ROV can simply be pulled out of the water with the tether. Normal battery life is 6 to 8 hours of run time with a recharge time of 3 hours. Deep Trekker can be out of the box and operational in 30 seconds.

The DTG2-ROV is constructed to last. The cast aluminium body encases a 360 degree centre window allowing for an unprecedented field of view. The patented vertical pitch system allows for unique and exceptional manoeuvrability. Well protected 63mm diameter propellers prevent debris from binding the output shaft. High powered rare earth magnetic couplers means there are no dynamic seals on this system, for maximum leak protection. A 700HD line colour camera rotates from the centre of the ROV to take advantage of the centre window and gives the operator a 270 degree vertical field of view. The camera is tracked by an LED floodlight. This feature allows the operator to look in any direction whether it be straight up at the hull of a boat or straight down at the seabed while driving forward.

The DTG2 is sized for good stability in the water, but small enough to transport by hand to difficult locations. At 8.5 kg you may lower it into the water by the tether over the side of the boat or even from a very high vantage point, such as a bridge. The nominal buoyancy of the ROV is set to neutral. It can be adjusted with an included set of stainless steel weights to fine tune the unit according to your preference and water conditions.

Commanding the DTG2 is simple using the lightweight controller, designed to resemble the ergonomically proven gaming pad to ease the learning curve normally required to pilot ROVs. Together, these features make the DTG2 STARTER perfect for those quickly needing eyes in the water with little training when inspecting and exploring the underwater world.

**Supplied with:-**

- DTG2 ROV
- Super Bright Screen with 50m Tether
- RCA video output for connection to external monitor (not supplied)
- Smart chargers
- Buoyancy weight set
- Operator manual
- 1 Year Warranty

**Deep Trekker may be supplied with a range of accessories including; digital video glasses, sonar, additional lighting, thickness gauge, crawler wheels, sediment samplers, laser scaler. Please contact us for details.**

**Deep Trekker DTG-2 is currently available in four models. Starter, Pro, Smart and Worker. Please contact us for details.**