

## **DEEP TREKKER DT340S PIPE CRAWLER PACKAGE**



The DT340 S package includes everything you need as a professional pipe inspector. The system includes a pan, tilt and zoom camera to easily view your entire pipe system as well as a tether length counter to know where defects are found within the pipe system. The simple to use handheld controller with integrated viewing screen includes everything you need to operate your DT340 crawler.

### **Package Contents:**

- DT340 Pipe Crawler with PTZ Camera Head
- 150m Tether on Reel with Tether Length Counter
- Handheld Controller
- Carrying Cases (2)

## Product Description

The DT340 S Package is ideal for professional pipe inspections. Built on the proven design of Deep Trekker remotely operated vehicles, the DT340 Crawler is complete with on-board batteries lasting between 4 to 8 hours. Using a hand-held controller with an integrated super-bright viewing screen, inspectors can easily manoeuvre throughout their pipe system.

The benefit of batteries are numerous, not only can the entire system be deployed by one or two people, no additional trucks or equipment are required. The entire system fits into two carrying cases that can be easily stored and deployed from a small vehicle.

The Standard system comes complete with 4 wheels designed to fit in an 8 inch pipe. Optional wheel sizes and tracks are available to properly position the camera head in the centre of the pipe. Optional wheels and tracks can be added or removed in-field. The options bolt onto the outside of the standard wheels using four screws.

### Pan, Tilt and Zoom (PTZ) Camera Head Specifications:

- Imager: Color 1/4" CCD
- Resolution: 530 TVL, 1.0 lux
- Zoom: 10X Optical, 12X digital
- Features: Auto/manual iris, auto/manual focus
- Tilt Range: 280 degrees
- Pan Range: Infinite (continuous)
- 

The DT340 S Pipe Crawler is submersible in up to 50m of water. Inspect submerged storm, sanitary, or underwater pipelines with ease.

<b>Dimensions</b>	Length: 710 mm (27.95") Width: 141 mm (5.55") Height: 151 mm (5.96")
<b>Weight (in air)</b>	15.5 kg (34.17 LB)
<b>Materials</b>	Stainless steel Aluminium High strength acrylic
<b>Flood Lights</b>	Dimmable, Shadowless LED Flood
<b>Minimum Pipe Size</b>	200 mm (8")
<b>Operating Temperature</b>	-5C to 40C (23F – 104F)
<b>Speed</b>	12 m / min
<b>Electrical System</b>	19.2 VDC (Lithium batteries) 4 – 8 hours Run Time 1.5 hrs Recharge
<b>Included Sensors</b>	Incline, Roll, Leak, Internal Temperature, Camera pan/tilt
<b>Tether</b>	5 mm (0.19") Polyurethane outer jacket with embedded Light weight synthetic fibres Optional Lengths up to 400 m (1,312 ft)
<b>Tether Strength</b>	Maximum Working Strength: 25 kg (55 lb) Minimum Breaking Strength: 90 kg (200 lb)
<b>Tether Reel</b>	Industrial tough; IP68 Standalone hall effect tether counter Manual coil Free-wheel uncoil with guide
<b>Drive System</b>	Power: Planetary gear motor (2 pieces) Wheel Control: Steerable, cruise control, Infinitely variable (forward & reverse) Gear Train: High strength oversized gears Final Drives: Magnetically coupled

**Don't need all of these bells and whistles?**

**Our DT340L Package has a Static Camera Head and No Tether Length Counter**

DEEPTREKKER DT340-S Iss A Jan 2017