

# DEEP TREKKER DT340X Crawler



Built for pipe inspections as small as 8in diameter, the DT340X Pipe Crawler is fully submersible and battery operated, removing the need for a generator or onsite power supply

**Spectis**<sup>+</sup>  
Robotics

No topside power or boxes required

Software integrations

PTZ HD camera

All-in-one control system

Portable and compact carrying cases

Fully waterproof system

Wheel and track options

Optional Powered Reel

## Specification

### General

- > Length: 710mm (27.95")
- > Width: 141mm (5.55")
- > Height: 151mm (5.96")
- > Weight: 16.6kg (36.59lb)
- > Materials: Stainless Steel, Aluminium, High Strength Sapphire
- > Depth Rating: 50m (164 ft)
- > Viewing Capability: Pipelines 200mm (8") Diameter to 900mm (36") Centre
- > Wheels: 4 (optional sizes)
- > Tracks: Optional
- > Turn Radius: 0mm (0")
- > Speed: 12m/min
- > Operating Temp: -5 to 40°C (23-104°F)
- > Warranty: 1 Year - parts and labour

### Camera

- > Resolution: Color 1/4" CCD, 700HD tvl, 1.0 Lux, 10x optical, 12x digital, Auto shutter, auto/manual focus
- > Lights: Dimmable, Shadowless led flood
- > Camera Head: Pan tilt zoom, Tilt 280°, Pan Infinite (continuous)

### Electrical System

- > System: 19.2 VDC (Lithium Batteries)
- > Battery Run Time: 4-8 Hours
- > Battery Recharge: 1.5 Hours
- > Sensors: Incline, Roll, Leak, Camera Pan/Tilt

### Drive System

- > Power: Planetary Gear Motor (2 pieces)
- > Wheel Control: Steerable, Cruise Control, Infinitely Variable (Forward & Reverse)

### Drive System (cont)

- > Gear Train: High Strength Oversized Gears
- > Final Drives: Magnetically Coupled

### Tether

- > Tether Diameter: 6.2mm (0.24")
- > Tether Length: 200-400m (164-1,312ft)
- > Tether Construction: Polyurethane Outer Jacket with Embedded Synthetic Fibres
- > Minimum Breaking Strength: 450kg (1000lb)
- > Reel Construction: Industrial tough; IP68
- > Reel Intelligence: Standalone Hall Effect Tether, Length Counter (Optional)
- > Reel Capacity: 400m (1,312ft)
- > Reel Operation: Manual Coil, Active Free-Wheel, Free-wheel uncoil with Guide, Powered Reel



*Images shown may not be an exact representation of the features listed.*

 **DEEP TREKKER**™

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