

# Troglotech T804 Specifications

## T804 Trogloprobe Pushrod System Specification

### Mechanical:

Length: 540mm  
Height: 643mm  
Width: 302mm  
Weight: Full System 18.5kg  
Pushrod:  
Type: 5 conductor Epoxy Glass Core  
Max Length: 85m

### Environmental Specification:

Temperature: -20C to +85C (Storage)  
0C to +50C (Operating)  
Sealing: IP 67 (Coiler)  
IP 68 11 Bar (Camera)  
Emissions: (EMC) EN61000-6-4:2001 (Emissions)  
EN61000-6-2:1999 (Immunity)  
Construction:  
Frame: Powder Coated Steel  
Housings: Hard Anodised Aluminium

### Electrical:

Supply Voltage: 10.8 to 14.6v DC  
Power Consumption: 12 Watts  
Power Cell: >96 Watt-hour Li Ion  
Video Standard: PAL or NTSC (auto)  
Display: 5.6" LCD  
Resolution: 540 LPPH  
Brightness: 900cd/ft

### Digital Recorder:

Recording format: Digital to SD Card (MPEG4)  
Recording capacity: 32 Hours (60 mins per Gb)  
Recording resolution: D1

### Keyboard:

Sealing: Waterproof to IP68 (160 psi)  
Control: Textwriter/DVR/Cameras

### Charger:

Input Voltage: 90VAC-255VAC  
Output Voltage: 13.2V  
Output Current: 2.0A  
Charge Time: ~4 hours

### Standard T800 Camera:

Full Diameter Length: 33.4mm  
Overall Length: 69mm  
Diameter: 48mm  
Material: 300 series stainless steel  
Weight: 350g  
Resolution: 540 lines pph  
Focal Length: 4.2mm  
Temperature: -20 °C to +85 °C (Storage), 0 °C to +50 °C (Operating)  
Bump (Environmental Testing Bump): EN 60068-2-29  
Sealing: IP68 11 Bar (160psi)  
EMC: EN61000-6-4:2001 (Emissions), EN61000-6-2:1999 (Immunity)  
Lighting: Custom LED's equivalent to 40W Halogen

