

# Troglotech T800 Specifications

## T800 Auto-Uprighting Camera

### Mechanical

- Full diameter length 33.4mm
- Overall length 69mm
- Diameter 48mm
- Material 300-grade stainless steel
- Weight 350g
- Uprighting passive with damping
- Window Sapphire, 5mm deep
- Internal Nitrile shock-absorbers

### Electrical

- Voltage 22v to 25v
- Consumption ~7 watts
- Output Composite video
- Lighting 4 x high power LED 1400 Lumens

### Video

- Sensor "Digital Clarity" CMOS 1/4"
- Sensitivity Better than 0.1 lux
- Horizontal Resolution 540 TVL lines per picture height
- Digital Noise Reduction
- Digital Video Processing
- Fixed white balance for faithful colour rendition

### Lens

- Focal Length 4.2 mm
- Angle of view 57° diagonal
- Iris Control Fixed iris, auto electronic shutter
- Focus range 150mm to infinity

### Environmental Specification

- Temperature -20°C to +85°C (Storage)
- 0°C to +50°C (Operating)
- Bump EN 60068-2-29
- (Environmental Testing Bump)
- Sealing IP68 11 Bar (160psi)
- EMC EN61000-6-4:2001 (Emissions)
- EN61000-6-2:1999 (Immunity)

### Usage

- Standard camera on the T804 Troglprobe
- Can be fitted to Pearpoint P371 ELS system
- T832 variant for RD/Pearpoint systems
- T801 variant for Gatorcam systems
- Optional Sonde: 512Hz, 640Hz, 8.192Kl
- Skid sets for 3" (75mm) - 12" (300mm)

