

# Troglotech T812 Specifications

## Mechanical:

- Full Diameter Length 81mm
- Overall Length 97mm (149mm with rod adaptor)
- Diameter 60mm
- Material 300 series stainless steel
- Connector Various
- Weight with Rod Adaptor 1.34Kg
- Rotate travel 360° Continuous
- Pan/Tilt travel 360° Continuous (285° useable)

## Electrical:

- 24v(with rod adaptor)
- Consumption 13 watts
- Digital Video Processing
- Lighting Custom LED - Equivalent to 40W Halogen

## Video

- Sensor "Digital Clarity" CMOS ¼"
- Digital Video Processing
- Sensitivity Better than 0.1 lux
- Horizontal Resolution 540 TVL lines per picture height
- Fixed white-balance
- Digital Noise Reduction System

## Lens

- Focal Length 5.1mm
- Angle of view 57° diagonal
- Iris Control Fixed iris, auto electronic shutter
- Focus range 20mm to infinity
- Digital Focus Setting
- Electrostatic Focus Control

## 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 7 Bar (100psi)
- EMC EN61000-6-4:2001 (Emissions)
- EN61000-6-2:1999 (Immunity)

## Control

- Remote Control via proprietary TTDS from T804
- Automatic Centring to co-axial orientation
- Automatic Focus Setting for co-axial orientation
- Intelligent Speed Control of Pan and Tilt Motors
- Automatic Control of Sensor orientation for 'Human Perspective View'
- Digital Control of Pan and Tilt orientation

## Upgrade Path

- T812 Head Designed to be compatible with future products

