

# CVIS-3

## Compact Video Inspection System



underwater **vision** specialists

## Features

- Small Size
- 12/24Vdc or 120/240Vac
- 32GB SD Card Video Recorder
- 12.1" LCD TFT Colour Monitor
- Colour or Monochrome Camera
- LED or Incandescent Light

## Description

The Bowtech Products CVIS-3 compact video inspection system is a portable splash proof control station for operation, viewing and recording of colour or monochrome underwater video cameras, together with audio input and intensity control of an underwater LED light.

The CVIS-3 comprises of a digital hard disk recorder, with 32GB SD Card drive. This produces noiseless, digital images, even when playback is frozen. There is a built in video overlay, with date and time generator; a 12.1" high resolution, daylight readable colour TFT LCD monitor; audio input; a dimmer circuit; video and audio output to enable connection straight into a separate monitor etc.



This entire system is housed in a watertight "storm" case, measuring just 490mm in width and 400mm in depth, and only weighs 15kg (umbilical and peripherals are extra). It can be powered from 240Vac or 120Vac mains, or from 12Vdc and 24Vdc.

The system is available with the following options:

- Positional and Depth GPS
- A Colour or Monochrome Camera
- LED or Incandescent Underwater Light
- Pan and Tilt Control
- Zoom Control for Camera
- USB2 Output/PC Control
- A Diver Pistol Grip, Helmet Mounting Kit
- Cable Reeler with or without Slip Ring



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## Specification – CVIS-3

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### ELECTRICAL

Power: 12/24Vdc or 120/240Vac (specify at order)  
1 amp Approx at 240Vac/ 16amps Approx at 12Vdc

Run Time: 90 mins from 12Vdc Battery

### ENVIRONMENTAL

Storage Temperature: -20 to +65°C  
Operating Temperature: +0 to +40°C

### MECHANICAL

Width: 490mm  
Depth: 390mm  
Height: 190mm  
Weight: 13kg  
Case: Robust, Water and Air Tight (IP64), Corrosion Proof  
Material: Ultra-high Impact Structural Copolymer Polypropylene  
Special Features: Shock Mounted Components

### MONITOR

Brightness: 450 cd/m<sup>2</sup>  
Type: TFT LCD Monitor  
Format: Dual Standard PAL/NTSC, EIA/CCIR  
Audio: Speaker Fitted  
Size: 12.1" Diagonal

### DVR

Size: 32GB  
Resolution: 1280x720 / 720x480 / 320x240 pixels  
Format: MPEG-4  
Video Storage Capacity: Approx ½ hour for 1GB (@720x480, best quality)  
Output for Downloading Data: SD Card

### OPTIONS

GPS: Positional & Depth GPS (to accept NMEA 0183 standard input)  
Voltage: 120/240Vac or 12/24Vdc Operation  
Cameras: Wide Selection Including Zoom Cameras  
Lights: LED & Incandescent Underwater Lights  
Pan & Tilt: Pan & Tilt Control  
USB 2: For Output of Image Direct to Computer



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