

# MCVIS-1

## Mini Compact Video Inspection System

## Features

- Extremely Compact Size
- 90-264Vac (12/24Vdc option)
- 32GB SD Card Video Recorder
- 7" LCD TFT Colour Monitor
- Colour or Monochrome Camera
- LED Underwater Light



## Description

The Bowtech Products MCVIS-1 miniature 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 a lamp.

The MCVIS-1 comprises of a digital hard disk recorder with 32GB SD card drive. This produces noiseless digital images, even when playback is frozen. There is time and date overlay provided; a 7" high resolution, daylight readable colour 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 case; measuring just 411x323x168mm and only weighs 8kg (umbilical and peripherals are extra). It can be powered from 90-264Vac mains, or from optional 12Vdc or 24Vdc.

The system is available with the following options:

- A Colour or Monochrome Underwater Camera
- LED Underwater Light
- A Diver Pistol Grip
- Helmet Mounting Kit
- Cable Reeler with Slip Ring
- 12Vdc to 240Vac Inverter
- 24Vdc to 240Vac Inverter



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## Mini Compact Video Inspection System



underwater **vision** specialists

## Specification – MCVIS-1

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### ELECTRICAL

Power: 90 to 264Vac (optional 12/24Vdc) Typically 50W

### ENVIRONMENTAL

Operating Temperature: -10 to +40°C  
Storage Temperature: +20 to +65°C  
IP Rating: IP64

### MECHANICAL

Length: 411mm  
Width: 323mm  
Depth: 168mm  
Weight: 8kg  
Case: Robust, Water and Air Tight, Corrosion Proof  
Material: Ultra-high Impact Structural Copolymer Polypropylene  
Special Features: Shock Mounted Components

### MONITOR

Brightness: 400 cd/m<sup>2</sup>  
Type: LCD Monitor  
Format: Dual Standard PAL/NTSC, EIA/CCIR  
Audio: Speaker Fitted  
Size: 7" Diagonal

### DVR

Size: 32GB SD Card (16GB SD card supplied)  
Resolution: 1280 x 720 / 720 x 480 / 320 x 240 Pixels  
Format: MPEG-4  
Video Storage Capacity: Approx 1/2 hr for 1GB (@720x480, best quality)  
Output for Downloading Data: SD Card

### OPTIONS

Cameras: Wide Selection DIVECAM, L3C or LCC  
Lights: LED-C-SERIES / LED-G-SERIES / LED-K-SERIES  
Inverter: BP-INVERTER

