

# MCVIS-1

## Mini Compact Video Inspection System

The Teledyne Bowtech 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 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



### PRODUCT 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



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### TECHNICAL SPECIFICATIONS

Electrical	Power	90 to 264Vac (optional 12/24Vdc) typically 50W
Environmental	Storage Temperature	+20°C to +65°C
	Operating Temperature	-10°C to +40°C
	Rating	IP64
Mechanical	Dimensions	411mm (l) x 323mm (w) x 168mm (d)
	Weight	8.0kg
	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 hour for 1GB (@720 x480, 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



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