



DVIS-3 Diver Video Inspection System

The Bowtech DVIS-3, Diver Video Inspection System is the third edition of this system. The improved system is now considerably smaller and therefore more portable. The control station is for the operation, viewing and recording of underwater cameras together with the intensity control of underwater lamps.

The control station is housed in a marine grade transport container manufactured from high quality splashproof material.

The system can be powered from 120/240VAC mains or a local 12/24VDC battery pack.

The system includes a 15" LCD TFT, that folds flat for easy transportation, 250GB hard disk/DVD recorder, video overlay keyboard and the transport case. The DVIS-3 is available with the following options:

- DIVECAM-550C Colour Camera
- DIVECAM-600M Monochrome Camera
- L3C-550 Colour Camera
- LCC-600 Monochrome Camera
- Underwater Lamp – LED or Incandescent
- Umbilical
- Diver Pistol Grip
- Helmet Mounting Kit
- Cable Reeler
- Trolley

Small Size

**12/24VDC
or
120V/240VAC**

15" LCD TFT Colour Monitor

**Colour or Monochrome
Video Camera**

**LED or Incandescent
Light**



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DVIS-3

Electrical

Power: 120/240VAC or 12/24VDC
Recording (SP): 77hrs on HDD, 2hrs on DVD+/_R/RW, 3hrs 40mins DVD+R Double Layer
Run Time 90 minutes from 12Vdc battery

Environmental

Temperature (Storage): -30°C - +70°C
Temperature (Operating): -10°C - +40°C

Mechanical

Width, Depth, Height, Weight: 50cm, 43.5cm, 41.1cm, 27kg

DIVECAM-500C-AL

ELECTRICAL

Resolution, Horizontal: 550TV Lines
Limiting Light Sensitivity: 0.1lux @ f2.0
Power: 12VDC
(tolerance 9 to 15VDC)
Current: 130ma maximum

ENVIRONMENTAL

Water Depth: 100 metres
(300m option)
Temperature (Operating): -10°C - +50°C

OPTICAL

Lens: 2.9mm, f2.0
Focus Fixed: 100mm – infinity
Angle of View: 91° Diagonal in Air
65° in Water
Window: Acrylic

MECHANICAL

Maximum Diameter: 31mm (1.2")
Length: 133mm (5.2")
excluding connector
Weight in Air: 163 grams
(with MCBH4M)
Weight in Water: 95 grams
Standard Housing: Aluminium
Standard Connector: WETCON MCBH4M
Optional Connectors: Large selection of
Seacon Connectors

LED-800

ELECTRICAL

Power Requirement: 24Vdc, 700mA
Typical Luminous Flux: 800 lumens
Typical Luminous
Intensity @ 1m: 440 lux

ENVIRONMENTAL

Operating Depth: 300m (984ft)
Typical Colour Temp: 6600 kelvin (options)

OPTICAL

Window/Lens: Acrylic
Lamp Type: Bowtech LED Array
Typical Beam Angle: 75 degrees to 50%
power points available

MECHANICAL

Housing Material: Hard Anodized
6082-T6 Aluminium
Length: 80.3mm (3.15in)
excluding connector
Diameter: 50mm (3in) front end
25mm (1in) body
Weight in Air: 0.207kg (0.46lbs)
Weight in Water: 0.100kg (0.22lbs)
Mounts: Mounting bracket, variety
of thread mounts
Standard Connectors: MCBH3M



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