

Features

- Small Size
- 12/24Vdc or 120V/240Vac
- 15" LCD TFT Colour Monitor
- Control for LED/Incandescent Lamp Option
- Colour or Monochrome Video Camera
- LED or Incandescent Light



Description

The Bowtech Products 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 splash proof material.

The system can be powered from 120/240Vac mains, or a local 12/24Vdc battery pack.

The system includes a 15" LCD TFT, which 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-650C Colour Camera Acrylic
- DIVECAM-720M-AL Monochrome Camera Aluminium
- DIVECAM-720C-AL Colour Camera Aluminium
- L3C-720 Colour Camera Titanium
- LCC-720 Monochrome Camera Titanium
- Underwater LED or Incandescent Light
- Umbilical
- Diver Pistol Grip
- Helmet Mounting Kit
- Cable Reeler with or without Slip Ring
- Trolley



DVIS-3

Diver Video Inspection System



underwater **vision** specialists

Specification – DVIS-3

ELECTRICAL

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

ENVIRONMENTAL

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

MECHANICAL

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

DIVECAM-650C-AL

ELECTRICAL

Resolution, Horizontal:	650 TV Lines
Limiting Light Sensitivity:	0.1 lux @ f2.0
Voltage:	12Vdc (+/-10%)
Current:	130mA Maximum

ENVIRONMENTAL

Water Depth:	100 or 300m Option
Storage Temperature:	-30 to +70°C
Operating Temperature:	-10 to +50°C

OPTICAL

Lens:	2.9mm, f2.0 or 3.6mm, 4.3, 6, 8, 12, 16mm
Focus:	Fixed 100mm to Infinity
Angle of View:	91° Diagonal in Air, 65° in Water (2.9mm lens)
Window:	Acrylic

MECHANICAL

Maximum Diameter:	31mm (1.2")
Length:	133mm (5.2") Excluding Connector
Weight in Air:	204g
Weight in Water:	120g
Standard Housing:	Aluminium
Standard Connector:	WETCON BH-4-MP or MCBH4M
Optional Connectors:	Large Selection of Connectors Available



© Bowtech Products Ltd 2012 All rights reserved.
Bowtech Products Ltd reserves the right to change the
above specifications without notice.

T +44 1224 772345
F +44 1224 772900

sales@bowtech.co.uk
www.bowtech.co.uk

Last updated 1st April 2014
Revision: 1