



# Viperfish® DEEP

## Viperfish® DEEP Sub Surface Digital Video System

High Resolution Recording to Depths of 1500'

### Key Features & Benefits

- 4 Channel High Resolution, Full-Speed Video
- Submersible Down to 1500 Feet
- Timer System to Pre-Program Startup and Shutdown
- Internal Batteries and Battery Charging System
- Hydrophone Input
- Video Viewing and Editing Software

### Applications

- Fisheries
- Oil and Gas
- Bridge Inspection
- Surveying
- Marine and Eco Systems
- Cable Inspections
- Marine Research

Submersible to 1500 feet, the Viperfish® DEEP Digital Video Recorder offers high resolution video recording at 720 x 486 with up to 30 frames per second per channel on 4 video channels. The DEEP comes with internal batteries and a battery charging system, a hydrophone input, an 80 GB hard drive, and video viewing and editing software. Its operation is simple! From a top-side location, connect a standard computer keyboard to the Viperfish® DEEP. Enter the time, date, and duration that you want the DEEP to come alive and record underwater video. Connect your underwater cameras into the DEEP's bulkhead connectors. Deploy the DEEP, be it in a cage, on recover the DEEP and download the video onto your computer. a trawler line, diver deployed, or by utilizing a tetherless acoustic recovery system. Once done, tetherless acoustic recovery system. Once done, recover the DEEP and download the video onto your computer.



Underwater photography has been limited to still photos because of limiting factors surrounding the batteries. The new Viperfish® DEEP provides a unique opportunity for divers and contractors to record high resolution video without sacrificing any additional power sources.

### Technical Specifications:

Video	4 Channels (NTSC or PAL)
Audio	1 Audio Input (Hydrophone)
Resolution / Compression	720 x 486 / Wavelet - Adjustable
Recording Frame Rate	1-30 fps (per camera) NTSC 1.2 - 25 PAL
Playback Frame Rate	30 fps (NTSC) 25 fps (PAL)
Storage	80 GB (Upgradeable)
Data Connections	10/100 Mbps (RJ45), USB 2.0 Host, PS/2
Online Management	Viperfish® Viewer
Connectors	5 Bulkhead Connectors
Power Source	Internal Lithium-ion Batteries and Charging System
Weight	TBA - Approx. 20 lbs
Dimensions	Length 10" Diameter 8"
Finish	Anodized High Grade Aluminum

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