



Key Features & Benefits

- Ruggedized High Tech Enclosure
- Shock and Vibration Tested
- Embedded Operating System
- Four Channels
- High & Standard Resolution
- Full-Speed 30 Frames Per Second
- Audio Input
- High Capacity Hard Drive
- Alarm Verification
- LCD Screen For Easy File Management
- Extract Still Images
- FREE - Software Upgrades

Applications

- AUV, USV, and ROV's
- Coast Guard
- Commercial Diving
- Conservation and Protection
- High Speed Marine Craft
- Homeland Security
- Law Enforcement
- Military
- Oil & Gas
- Port Security
- Remote Surveillance
- Research & Exploration
- Search & Rescue

Ruggedized Digital Video Recorder in a High Tech Composite Enclosure for Intense Environments

Record and Download Four Channel, Full-Speed, Non-Multiplexed Video with Ease!

Product Description

Designed for intense environments, the Viperfish® Amphibian is a ruggedized all-weather, digital video recorder. Viperfish® Amphibian converts analog signals to digital format and records non-multiplexed video up to 640 X 480 pixels to a high capacity hard drive.

The digital platform has four video inputs and combines a 1 GHZ host processor board with MPEG 4 compression.

The high tech composite enclosure has a unique patent pending heat distribution system eliminating hot spots while optimizing performance. Weighing less than four pounds, Viperfish® Amphibian is easily transported. The IP67 Protection Classification rating makes the Viperfish® Amphibian ideal for marine applications.



Features such as adjustable frame rate and adjustable picture quality allow you to choose the quality of image you wish to record. Overlay audio on the disk to record important thoughts you have at critical times during your project.

The Alarm Verification feature allows you to mark important incidents to disk. Alarms are grouped on the LCD menu for quick access. Search video by alarms, date, manual fast forward, rewind or file to file. The subtitle feature includes Project ID, Date/Time and Alarms ideal for file management which can be viewed on screen during playback.

Downloading & Viewing Video

Using the LCD menu you can organize and group portions of the video and save in a separate clips folder on the hard drive. The entire video can be viewed directly through a TV monitor. Video can be downloaded via direct connect to a computer or Local Area Network (LAN) through a USB 2.0 port cable or Ethernet cable.

Once downloaded to your computer, the video files can be emailed, burned to a CD or DVD, or archived for future reference.



Product Specification - Viperfish® Amphibian

FEATURES

- Built In LCD Screen For Easy:
 - Configuration
 - Video Playback
 - Video Search, Group, Download
 - Record
- Automatic Daylight Savings Time Adjustment
- 4 Video Inputs, 1 Audio Input
- On Screen Subtitle
- Adjustable Recording Quality, Standard or Special
- Adjustable Frame Rate
- Software Upgrades Via Internet

OPERATION CHARACTERISTICS

Audio Video

Video Signal System	NTSC or PAL
Video Input	4 Video Inputs
Video Input Signal	1.0Vp-p 75 Ohms
Video Output	1 Video Output
Video Output Signal	1.0Vp-p 75 Ohms
Audio Input	1 Audio Input
Audio Output	1 Audio Output

Recording

Compression	MPEG 4
Recording Frame Rate	1 - 30 FPS NTSC or 1.2 - 25 FPS PAL
Recording Mode	Continuous or Delay
Recording Quality	Standard or Special

Playback

Search Mode	Alarm, Date, FF, REW & File to File
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Event

Alarm Input	1 Input
Alarm Output	1 Output
Motion Detection Grid	16 Sectors (ON/OFF)

Storage

Hard Drive	80 GB Min
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Network

Network	10/100Mbps Ethernet or USB 2.0
Online Management	VF Viewer
Software Upgrades	Via Internet

Display

Display Size	720 X 640 NTSC / 720 X 576 PAL
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PHYSICAL / ENVIRONMENTAL CONDITIONS

Connectors

Video Input	LEMO
Video Output	LEMO
Alarm Input/Output	LEMO
Audio Input	LEMO
Audio Output	LEMO
Downloading	USB

Dimensions

Depth	7 1/2" (19.05 cm)
Width	7" (17.78 cm)
Height	4" (10.16 cm)

Environment

Operating Voltage	12V 3 Amp
Weight	3.82 lbs (1.73 Kg)
IP67	Protection Classification
Shock & Vibration	*
Operating Temperature	*
Operating Humidity	*

* Contact Manufacturer For Test Data Results

PC SYSTEM REQUIREMENTS for Video Viewing

Operating System	MS Windows 2000/XP
Processor	Intel / AMD, 2 GHZ Processor
RAM	256 Megabytes (MB) or Higher
Free Hard Disk Space	1 GB
Internet Browser	Microsoft Internet Explorer 6.0 or Netscape Navigator 7.0