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TECHNICAL DATA SHEET



Video recorder with monitor

- **DISPLAYS AND RECORDS VIDEO**
- **12 HOURS OF HIGH QUALITY VIDEO RECORDING**
- **RECORDED VIDEO CAN BE PLAYED ON A COMPUTER**
- **CONNECTS TO A COMPUTER TO MAKE DVD**
- **MICROPHONE INCLUDED FOR ADDING AUDIO**
- **NTSC OR PAL VIDEO FORMAT**
- **HEAVY DUTY CASE**
- **GPS AND KEYBOARD INPUTS (optional)**
- **2 YEAR WARRANTY**

VRM-1 Video Recorder & Monitor

The VRM-1 is a video monitor with built-in Digital Video Recorder (DVR). The monitor is a 10.4" color LCD flat screen. The display is ultra bright and high resolution. The VRM-1 was designed for use with JW Fishers video cameras, but can also be used with other video equipment.

The DVR has a removable 16GB SD memory card included. Any capacity card up to 32 GB can be used. Recording time on a 16 GB card is approximately 12 hours when using the highest quality frame rate of 30 fps (frames per second). Using a lower frame rate allows longer recording times, but the video will not be as smooth, however the quality of still images will be the same.

The recording format is Mpeg-4 Video ASF. The video can be played back on the VRM-1's monitor or a second monitor (or TV) can be plugged into the VRM-1, and the video will be displayed on both monitors. When recording, a time and date stamp is recorded with the video. When the video is played back, the time and date of recording is displayed on the monitor. With the optional GPS input jack, the boat's GPS is displayed and recorded. With the optional Keyboard input jack, a standard PS/2 PC keyboard (supplied) can put data on the screen and is recorded (Text Overlay).

The SD card can be removed from the DVR. The SD card reader (supplied) can be plugged into the USB port of a computer and the video played on the PC. A DVD, containing the video from the SD card, can also be made from the computer.

A microphone is provided allowing the operator to record narration with the video, which can be heard in the built-in speaker during playback.

The VRM-1 control panel contains switches and controls to operate the complete system including the cameras and lights.

The VRM-1 is covered by JW Fishers 2 year exclusive, UNCONDITIONAL warranty.



Ultra bright monitor built into cover

Specifications

PERFORMANCE/DESCRIPTIONS:

- Input power (depending on lights) - 120 VAC, 100-500w

DIMENSIONS/WEIGHTS:

- Control Box - 17"L x 11"W x 8.5"H - 24 lbs.
- Monitor (built into case) - 10.4 inches, high resolution, ultra bright, color
- DVD Recorder - 16GB SD memory card, 12 + hours recording per card
- Recording format - Mpeg-4 video ASF
- Recording frame rate - 30 fps

MATERIALS/COLOR:

- Case - High impact PVC / Black and gray

OPTIONS

- GPS input jack. Boat's GPS receiver data is displayed and recorded
- Keyboard input jack. Enables text overlay. Uses a standard PC PS/2 keyboard (supplied)
- Carry and shipping case
- Connector to allow non JWF video cameras to be recorded
- Connector to allow non JWF video cameras to be recorded including control of lights