



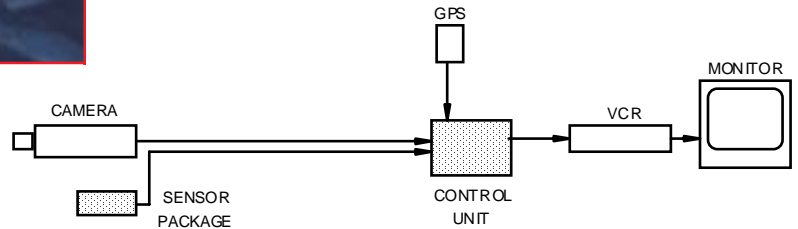
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# TECHNICAL DATA SHEET



- DISPLAYS TIME, DATE, GPS/LORAN COORDINATES, DEPTH, TEMP, AND COMPASS HEADING.
- 1,000 FT DEPTH RATED SENSORS.
- WORKS WITH NTSC OR PAL.
- TWO YEAR WARRANTY.



## On Screen Display

JW Fishers On Screen Display allows important information to be overlaid on video picture from any underwater camera system. The On Screen Display shows time, date, and boat's GPS or LORAN position. With the optional sensor package, the water temperature, depth, and compass heading of the video camera are also displayed. Whether performing a job for a client or video taping a favorite dive site, the information can be viewed on the monitor and captured on a VCR for a permanent record. The system works equally well with NTSC or European PAL video cameras.

The On Screen Display system consists of two parts: a control unit and sensor package. The control unit connects between a camera's video and sensor package outputs, and the input on the video monitor or VCR (see diagram above). The control unit also receives the boat's GPS or LORAN output. The sensor package is installed in the underwater camera and connects to the control unit via the camera's umbilical cable.

The On Screen Display is sold in two parts to maximize it's affordability and allow the operator to have as much or as little data as required. The first part is "Basic On Screen Display" (control unit only) which displays time, date, and the boat's longitude/latitude position on the video monitor. The second part of the On Screen Display is "Additional sensor package" which displays the water temperature, depth, and compass heading of the underwater camera. The control unit can operate as stand alone system. The sensor package requires the control unit to operate.

The information is displayed in three segments:

- 1) Time and Date (sample shown in photo above)
- 2) GPS or LORAN position
- 3) Depth, Temperature, and Compass heading

One segment of information is displayed on the screen at a time. The information segments are rotated 1,2,3,1,2,3, etc.

All the information or any combination of individual segments can be displayed. An on-screen menu allows selection of display data and set up of parameters. The On Screen Display can be attached to almost any remote camera system. A single wire (plus ground wire) is all that is needed to connect the sensor package to the control unit.

The On Screen Display has a FULL TWO YEAR WARRANTY, the longest in the industry.

### SPECIFICATIONS

#### **DIMENSIONS/WEIGHT:**

- Control Unit ..... 8.3"W x 9"D x 3"H ..... 2.8 lbs.
- Sensor package:
  - Sensor board ..... 6"L x 3"W x 1.5"H ..... 10 oz.
  - Compass sensor ..... 4"L x 4.5"W x 3.5"H ..... 4 oz.
  - Temperature sensor ..... 2"L x 1"Dia ..... 1 oz.
  - Depth ..... 2.5"L x 1"Dia ..... 3 oz.
- Sensor board to surface cable ..... single wire plus grd. (two 22 guage wires or larger, 1,000' max)

#### **POWER REQUIREMENTS:**

- Control Unit ..... 120 vac.
- Sensor board ..... 120 vac or +12 vdc (option)

#### **OPERATOR SELECTABLE DISPLAY OPTIONS:**

- Time ..... 24 hour clock
- Date ..... MM/DD/YY or DD/MM/YY
- GPS or LORAN ..... Longitude and latitude
- Depth ..... Feet or Meters
- Temperature ..... Fahrenheit or Celsius
- Compass ..... 0 - 359 degrees