



**JW FISHERS MFG INC**  
 1953 COUNTY ST.  
 E. TAUNTON, MA 02718 USA

(508) 822-7330; (800) 822-4744; FAX (508) 880-8949  
 Email: info@jwfishers.com WEB: www.jwfishers.com

# TECHNICAL DATA SHEET



**Powerful LED lights**

- **VERTICAL OR SIDE VIEWING**
- **UP TO 1,000 FOOT DEPTH CAPABILITY**
- **0.8 LUX LOW LIGHT, 480L COLOR CAMERA**
- **LARGE VIEWING AREA - WIDE VIEWING ANGLE**
- **BRIGHT PICTURE - 2 POWERFUL 1500 LUMEN LED LIGHTS**
- **COMPACT SYSTEM FOR RAPID DEPLOYMENT**
- **AVOID TIME CONSUMING DIVES ON FALSE TARGETS**
- **HAND HELD OR LOWERED FROM BOAT**

## DV-2 Drop Video

JW Fishers DV-2 drop video system is ideal for checking sites before diving or performing a variety of underwater search and inspection operations. Difficult or dangerous dives can be avoided, and underwater objects or search areas can be viewed and recorded, without deploying a diver. The DV-2 can assist law enforcement agencies in their evidence recovery operations and help public safety dive teams in their search efforts, dramatically reducing the time they spend underwater and increasing safety.

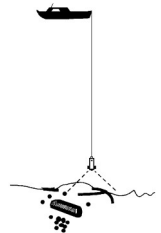
The DV-2 system includes a 0.8 lux, low light color camera in a rugged corrosion-proof PVC housing, two powerful 1500 lumen LED lights and a 150 foot Kevlar reinforced and urethane coated cable providing a strong tow member. The standard color camera has a 0.8 lux rating with a varifocal lens (variable focal length). If the DV-2 is 10 feet from the bottom an area approximately 10 foot in diameter is being viewed. The high power lights are mounted on outrigger arms placing them away from the underwater housing to disperse the light pattern over a larger area and eliminating lighting "hot spots". Sharp, clear video images are produced by the DV-2's camera, which are sent topside for viewing. The picture can be viewed on a video monitor, a TV with a video input jack, a computer equipped with a video capture card, or Fishers VRM-1 monitor and recorder with built-in ultra bright flat screen monitor and digital video recorder.

The DV-2 was designed for use as a vertical drop camera, however, a second tether line can be attached to front of the housing to lift it for horizontal viewing. The housing can also be carried by a diver to perform inspections or film underwater objects.

Unlike battery powered systems, the DV-2 is powered by 120 volts AC allowing unlimited operating time. Options for the system include high resolution color camera, cable lengths up to 1,000 feet and various depth ratings to 1,000 feet. Complete system is covered by JW Fishers 2 year exclusive, UNCONDITIONAL warranty.

### A WORD ABOUT INFRARED CAMERAS:

Some underwater camera systems on the market today claim they contain "infrared cameras" that can see in total darkness. These are not the heat sensitive cameras normally referred to as infrared. These "infrared cameras" require an infrared light source made up of photo diodes. The problem is this light source has an extremely short range in the water. In actual tests, these "infrared cameras" had a viewing range and picture quality significantly less than that of our high resolution low light cameras. Infrared cameras do have the advantage of being extremely cheap. These cameras cost far less than even the high quality lens used in our underwater video systems.



### SPECIFICATIONS

#### PERFORMANCE/DESCRIPTIONS:

- Camera - 0.8 lux low light, 480L color camera
- Lens - Variofocal
- Lighting - two powerful 1500 lumen LEDs
- Input voltage - 120 VAC
- Power consumption - 225w

#### DIMENSIONS/WEIGHTS:

- Housing with ballast - 15"L x 5"D - 30 lbs.
- Cable - .425" x 150-1,000 feet - 15-100 lbs.

#### MATERIALS/COLOR:

- Case - High impact PVC - Yellow
- Cable - 12 conductor, Kevlar strength membrane - yellow

### Options

- VRM-1 monitor and recorder
- 12vdc or 220vac (Europe)
- PAL B&W or color camera (Europe)
- Underwater connector at housing
- Up to 1,000 feet of cable
- Increased depth rated housings
- Carry case