



Culkin House,  
C8 Endeavour Business Park,  
Penner Road, Havant,  
Hampshire PO9 1QN  
T: +44 (0)2392 488240  
E: osil@osil.co.uk  
W: www.osil.co.uk

# TECHNICAL DATA SHEET



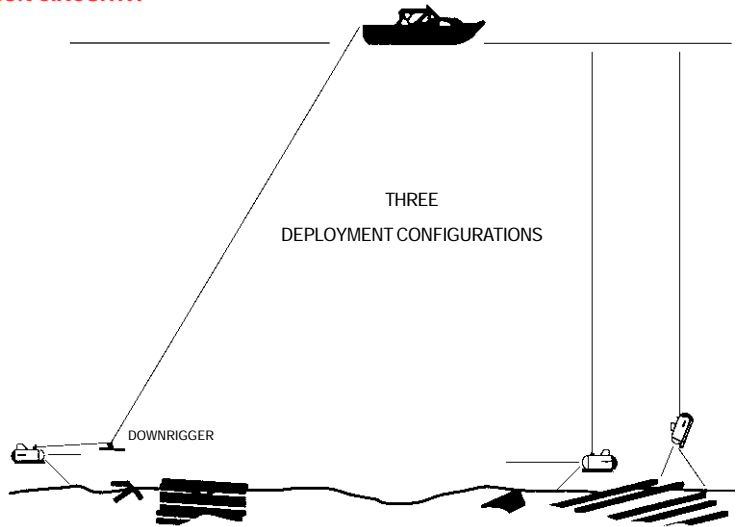
- UP TO 500 FOOT DEPTH CAPABILITY
- TOWED OR SUSPENDED FROM BOAT
- SHARP PICTURE - HI RESOLUTION B&W CAMERA
- LARGE VIEWING AREA - 50 DEG LENS
- HIGH INTENSITY 200 W LIGHTING
- PERFORM DEEP WATER SEARCHES WITHOUT DECOMPRESSION DIVES
- COMPACT SYSTEM FOR RAPID DEPLOYMENT
- AVOID DIVES ON FALSE TARGETS
- LEAK DETECTION CIRCUITRY



JW Fishers TOV-1 Towed Video system provides a cost effective method for large scale underwater searches and pre-inspection of dive sites. The camera is mounted at a slight downward angle which gives both straight head and downward viewing. The TOV-1 works extremely well in clear water with the standard black and white camera. In low visibility environments, the low light black and white camera is ideal. The TOV-1 can also be deployed as a dropped video system allowing both straight down and side viewing. Targets and dive areas may now be located, verified, and recorded without incurring time consuming check dives. The basic system consists of:

- High resolution black and white camera (0.5 lux)
- Wide angle lens (50 degree)
- Compact, corrosion proof U/W housing
- Two 100 watt tungsten halogen lights
- Leak detection circuitry
- 150 foot cable

Topside, the TOV-1 provides a high quality black and white video signal output (color optional). For direct connection to a video monitor or a conventional TV may be used with an RF converter. Connect a VCR to create a permanent record. The system is powered by 120vac, which can be supplied by a small generator. An optional inverter allows 12vdc operation. For low light conditions, an extra 200w of lighting is available and a commercial grade .07 lux camera with a 70 deg viewing area. An altimeter can be added (see brochure) which shows the distance between the TOV-1 and the bottom. For European use a 220vac system is available and PAL format camera. A carrying case is included. The TOV-1 system is covered by a TWO YEAR WARRANTY.



### PERFORMANCE/DESCRIPTIONS:

- Camera ..... 0.5 lux, high resolution black and white
- Lens ..... 6 mm
- Lighting ..... two or four 100w tungsten halogen
- Input voltage ..... 120 vac
- Power consumption ..... 225/425w

### DIMENSIONS/WEIGHT:

- Main Housing ..... 7"D x 24"L ..... 53 lbs.
- Cable ..... 75" x 150'/250'/500' ..... 22/36/72 lbs.
- Shipping boxes (150/250ft) . 23" x 24" x 30" ..... 138/158 lbs.  
(500 ft) ...26" x 28" x 42" ..... 233 lbs.

### MATERIALS/COLOR:

- Main housing ..... High impact PVC/yellow & black
- Cable ..... 6 conductor in polypropylene rope/yellow

### OPTIONS

- .07 lux, 70 deg black & white camera
- Black and white monitor
- Color camera & monitor
- Four 100w lights
- On screen display (for time, date, and GPS)
- 500 ft. depth capability
- Altimeter
- 12vdc or 220vac (Europe)
- PAL format camera (Europe)
- Downrigger