



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



- VERY COMPACT CAMERA & LIGHTING SYSTEM
- ECONOMICALLY PRICED
- 500 FOOT DEPTH RATING
- SURFACE POWERED FOR EXTENDED OPERATIONS
- 150-1000 FOOT CABLE LENGTH WITH U/W CONNECTOR
- LOW LIGHT BLACK & WHITE CAMERA INCLUDED
- COLOR CAMERA AVAILABLE
- 50° VIEWING ANGLE
- TWO DIFFERENT LIGHT OPTIONS AVAILABLE
- TWO YEAR WARRANTY

## MC-1 Mini Camera

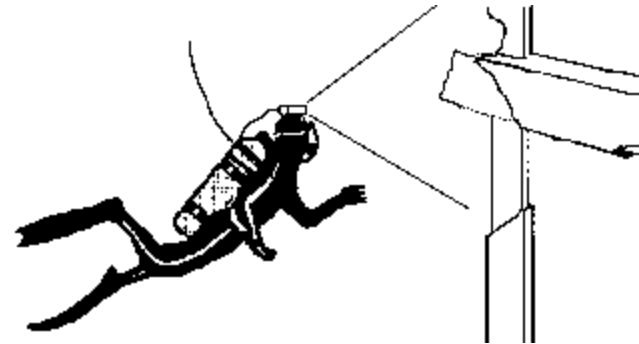
JW Fishers MC-1 Mini Camera is a waterproof camera system useful for a variety of applications. The Mini Camera is so compact and lightweight it can easily be mounted to a diver's helmet or lowered into a pipe for internal inspections. It is ideal for use where low cost or small size is critical. The MC-1 can assist the commercial diver performing underwater structure inspections or be lowered into the water on a pole to perform shallow water inspections from the surface. An internal LED light ring is available for applications where size is critical such as internal pipe inspection work. An external 100 or 250 watt light is available for applications where high powered lighting is required. The Mini Camera is surface powered allowing unlimited operating time.

The base system includes a black & white camera, 500 foot depth rated housing, 150 feet of cable. The camera produces sharp, clear video images that are viewed on a topside monitor and can be recorded on a VCR. The MC-1 can also be purchased with a color camera and monitor for those applications where a color picture is required.

The Mini Camera housing is ruggedly constructed of corrosion proof PVC making it an excellent choice for work in depths of up to 500 feet. The cable jacket is constructed of highly abrasive resistant urethane. The external underwater light is water-cooled allowing many operations between bulb replacement.

Options for the MC-1 include: internal LED light ring, external 100 or 250 watt light(s), 120 vac for ac operation, 220 volt transformer, cable lengths up to 1,000 feet, color camera, and black & white or color monitors.

The MC-1 is covered by Fishers TWO YEAR WARRANTY.



### SPECIFICATIONS

#### DIMENSIONS/WEIGHTS:

- Camera Housing ..... 6"L x 2.375"Dia ..... in air - 16 ounces.  
..... in water - 1 oz pos. buoy.
- Cable ..... 0.4"Dia x 150' - 1,000'L ..... in air 9-60 lbs.  
..... in water 4-30 lbs.

#### PERFORMANCE/DESCRIPTIONS:

- Camera ----- Black & White CCD.
- Lens ----- 4 mm 50 deg wide angle.
- Lights (optional) ----- 100/250 watt halogen, or LED light ring.
- Cable ----- 6 conductor, Urethane jacketed.
- Operating Depth ----- 500 feet.
- Color ----- Yellow/black.
- Sealing ----- O-ring sealed; contains leak detector.
- Power Requirements ----- 12 vdc, 0.2 Amps, 3 watts.  
----- with internal light ring - 0.3 Amps, 5 watts  
----- with external 120 vac 100 watt light - 1.2 Amps, 103 watts  
----- with external 120 vac 250 watt light - 2.7 Amps, 253 watts

### OPTIONS

- 150-1,000 ft cable
- Color camera
- Black & white or color monitors
- Internal light ring
- External 100 or 250 watt lights
- 120 vac
- 220 vac (Europe)