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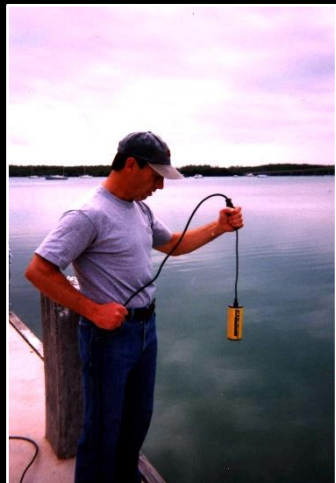
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# Data Sheet

## MC-2 Mini Camera



- **Very compact camera & lighting system**
- **500 foot depth rating**
- **Surface powered for extended operations**
- **150-1,000 foot cable lengths**
- **50° viewing angle**
- **Two different light options available**

### System Information

- Camera - 1/3" Super HAD CCD II color day/night, 4mm, 55 deg vertical by 70 deg horizontal lens, 700 lines, .0001 lux, and auto iris.
- Lens - 4 mm 50 degree wide angle
- Lights (optional) -1500 lumen, external LED(s) or LED ring
- Cable - 9 conductor, urethane jacketed
- Operating depth - 500 feet
- Sealing - O-ring sealed; contains leak detector
- Power requirements - 12 vdc, 0.2 Amps, 3 watts
  - w/ internal light ring - 0.3 Amps, 5 watts
  - w/ external 120 vac
  - w/ external 120 vac



### Dimensions and Weights

- Camera housing - 6"L x 2.375"Dia - 16 ounces (air)
- Camera housing - 6"L x 2.375"Dia - 1 oz. pos. buoy (water)
- Cable - 0.3"Dia x 150' - 1,000'L - 9-60 lbs. (air)
- Cable - 0.3"Dia x 150' - 1,000'L - 4-30 lbs. (water)

JW Fishers MC-2 Mini Camera is a commercial grade underwater video system ideally suited for a variety of applications. The Mini Camera is compact and lightweight that 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-2 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. The Mini Camera is also perfect for inspection operations at aqua farms. It's small size and lightweight design make it east to lower into pens to view the condition of nets and the fish.

The base system includes a 1/3" Super HAD CCD II, .0001 lux color camera, a 500 foot depth rated housing and a 150 feet of cable. The housing is ruggedly constructed of corrosion proof PVC and the cable jacket is constructed of highly abrasive resistant urethane. The camera produces sharp, clear, real time video that is sent to the surface 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-2 video monitor and recorder. The VRM-2 has a built in, ultra bright 10.4 inch flat screen monitor and digital video recorder (DVR). The DVR records up to 12 hours of video on an SD card and recorded video can be played back on a computer.

Two light options are available; an internal LED light ring or external 1500 lumean LED lights. The LED light ring is excellent for close up viewing of underwater objects, the external lights are more powerful and have a broader beam for viewing objects at a greater range.

### Available options

- Cable lengths up to 1,000 feet
- Hi Resolution color camera
- VRM-2 video monitor and recorder
- Internal lighting
- Adaptor for pole mounting
- External 1500 lumen LED's
- 120 VAC or 220 VAC (Europe)

