

UNDERWATER MONITOR SYSTEM

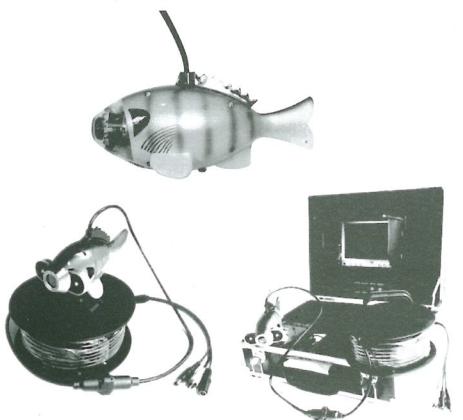
INSTALLATION GUIDE & MANUAL



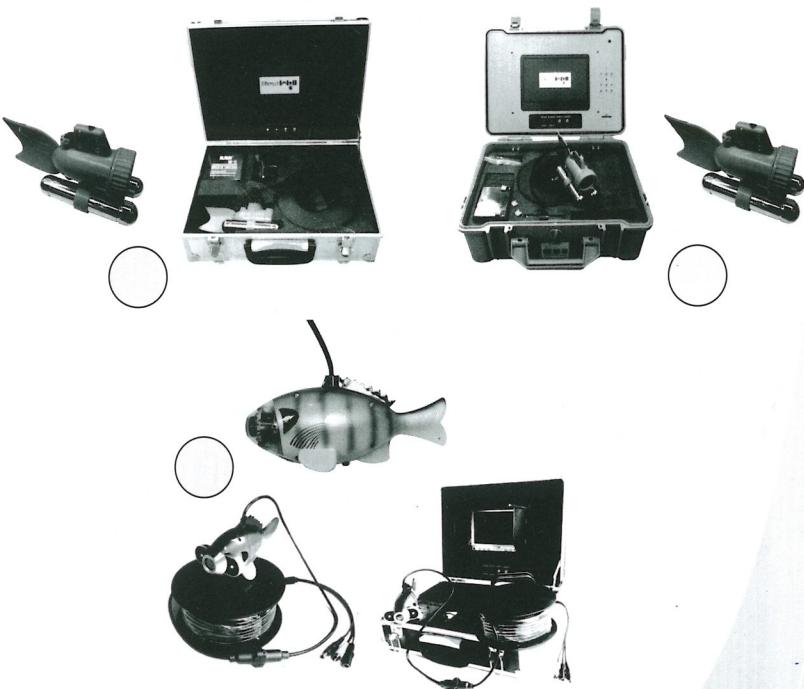
CR110-7



CR110-7(A)



CR110-7(J)



Read these instructions completely before operating this device

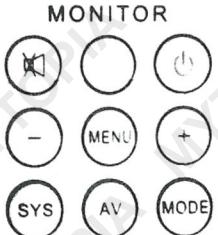
Waterproof color video Camera

PARTS AND FIGURES

Monitor:



MONITOR



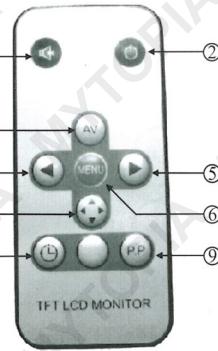
REMOTE PARTS OF MONITOR

1. Remote Control Signal Receiver Window (RC LED)
2. AV 1 / AV2 : KEY ON REMOTE
3. Mirror switch or KEY ON REMOTE
4. Menu : KEY ON REMOTE
5. Adjustment key - KEY ON REMOTE
6. Adjustment key + KEY ON REMOTE
7. Power KEY ON REMOTE

Specifications:

1. Display (inch): 7".
2. System : PAL / NTSC
3. Pixels : 1440 x 234.
4. Viewing Angel (°) : 65/65/40/65
5. Menu Languages: English.
6. Power Supply : DC12V
7. Working Temperature (°C) : - 10 °C to +50 °C
8. storage Temperature (°C) : - 20 °C to + 60 °C

The Figure Of The Remote Control



1. Mute
2. Power
3. AV1/AV2 Switch
4. Adjustment Key -
5. Adjustment Key +
6. Menu
7. Mode Switch
8. Time
9. P. P mode

2. The Figure

1) The Figure



2) Parts And Figures



- A. Metal Case
- B. Monitor
- C. DC12V 500mA charger
- D. Rechargeable Battery
- E. Connector (for battery charging only)
- F. Remote Controll
- G. Underwater Camera
- H. Manual

3. The Figure

1) The Figure



2) Parts And Figures



A



B



C



D



A. Plastic Case



B. Monitor



C. DC12V 500mA charger



D. Rechargeable Battery

E. Connector (for battley charging only)

F. Remote Control

G. Underwater Camera

H. Manual

4. The Figure

1) The Figure



2) Parts And Figures



A



B



C



D



E



F



G



H

A. Plastic Case

B. Monitor

C. DC12V 500mA Adaptor

D. Rechargeable Battery

E. Connector (for battery charging only)

F. Remote Control

G. Underwater Camera

H. Manual

5 Operation

1. Read the instruction manual completely before operating this unit.
2. Open the lock of the plastic case carefully.
3. Place the rechargeable battery, and then connect the connector (for the battery charging only) and the battery. The red power cable and black ground cable should connect to red terminal and black terminal of the battery respectively.
4. Open the sunshade of the monitor; connect the cables between the battery and the monitor as above.
5. Connect the camera cables (as point 3).
6. Make sure all the cables be connected correctly, then press the POWER button of the monitor, you will get the picture.
7. According to your need, you can use the camera in different place.
8. For the convience of the recharging, a leading line is equipped besides the back cover, and then it is no need to get the battery out when recharging is needed, and you just need connect the adaptor and the leading line together.
9. By adjusting the brightness, contrast, color, chroma on the monitor button or the remote control, you will get the perfect picture.
10. Please recharge the battery regularly; even you haven't use for a long time. To assure the battery can be used a longer time, please keep the battery having power in any time.

6. Important Information

Connecting Your Underwater Camera

1. The camera must not be located to look directly into the sun or any other bright light source as this will not only result in a poor image, but will eventually damage the electronics of the camera.
2. Areas with a high degree of contrast in the light levels require careful positioning of the camera to obtain the best image.
3. The best viewing angle is achieved by placing the camera in a position where it is looking down on the subject.
4. Additional lighting may be required if water quality is poor, or in low light conditions.
5. Always wash the camera in warm water and soap after use, to remove salt and other corrosive agents.
6. Always use appropriate water safety precautions when operating the Underwater Camera, and ensure appropriate level of supervision of children when near water.

Please Read The Following Manual Details Before Using

- * Pay attention to damp-proof for the high resolution.
- * Don't break the LCD screen surface, and clean the surface by soft cloth if the screen dirty.
- * Don't dismantle the unit by unprofessional.
- * Push the unit L/R switch if find the letter reverse.
- * Install the bottom side of the outer shell or inner side chamfer by customer's self-selection in accordance with bedframe.

TROUBLESHOOTING GUIDE

SYMPTOM	CAUSE	ACTION
Rolling picture	Monitor(horizontal control)	Replace monitor
Shrunk & unstable picture	Monitor(low voltage)	Check voltage source for proper voltage
Black picture	Monitor	Check fuses, if ok, check voltage source for DC12V, or check monitor power assembly for loose or broken wires or connector.... if above is ok, replace camera
White picture	Monitor	Check main system cable, make sure all connectors are mated properly. If ok, replace camera
White picture	Camera	Replace camera
Blurred picture	Road film, mud,water or Ice on camera lens	Clean camera
Moisture in camera	Camera	Replace camera, if not ok, ask for maintenance service
Engine noise or static lines	Monitor	Check ground and DC 12V source for solid connection. If not ok, call tech support for assistance

8.Specification

system: PAL/NTSC

Pixels: 1440x234

S/N Ratio: 480dB

TV Line: 420 480线 600线 700可选

Lens: 3.6mm

Lens Angle: 92°

Consumption: 500mA

Power Supply: 12V

Operating Temperature: -10°C + 50°C

Storage Temperature: -20°C + 60°C

Menu Languages: English



Some experts believe the incorrect or prolonged use of almost any product could cause serious injury or death. For information that may reduce your risk of serious injury or death consult the points below and additionally, the information available at www.datastreamserver.com/safety

- Consult all documentation, packaging and product labelling before use. Note that some products feature online documentation which should be printed and kept with the product.
- Check product for loose / broken / damaged / missing parts, wear or leaks (if applicable) before each use. Never use a product with loose / broken / damaged / missing parts, wear or leaks (if applicable).
- Products must be inspected and serviced (if applicable) by a qualified specialist every 6 months assuming average residential use by a person of average weight and strength, above average technical aptitude, on a property matching average metropolitan specification. Intended use outside these guidelines could indicate the product is not suitable for intended use or may require more regular inspection or servicing.
- Ensure all possible users of the product have completed an industry recognised training course before being given access to the product.

- The product has been supplied by a general merchandise retailer that may not be familiar with your specific application or your description of the application. Be sure to attain third party approval for your application from a qualified specialist before use regardless of prior assurances by the retailer or its representatives.
- This product is not intended for use where fail-safe operation is required. As with any product (take an automobile, aircraft, computer or ball point pen for example) there is always a small chance of a technical issue that needs to be repaired or may require replacement of the product or a part. If the possibility of such failure and the associated time it takes to rectify could in any situation inconvenience the user, business or employee or could financially affect the user, business or employee then the product is not suitable for your requirements. This product is not for use where incorrect operation or a failure of any kind, including but not limited to a condition requiring product return, replacement, service by a technician or replacement of parts could cause a financial loss, loss of employee time or an inconvenience requiring compensation.
- If this item has been purchased in error considering the points above simply contact the retailer directly for details of their returns policies if required.

