

# UNDERWATER CAMERA SYSTEM

## REACH POLE ACCESSORY

The camera system can be used with our telescopic reach poles (available in 4.5m, 6m, 9m, 15m and 18m) for searching/inspecting underwater. The underwater system offers a rechargeable battery supply with up to 5 hours battery life, and the option of a 7" TFT colour monitor with a digital video recorder. It has a powerful LED torch with a 23mm camera head for hard-to-reach area searching. The illumination from the LED light provides clarity at depth and maintains crisp colour images.

Lightweight and very easy to use, the underwater camera system has been designed with safety in mind. The cable is neatly stowed within the telescopic pole and slides freely with the movement of the pole. The fully adjustable underwater camera head offers a 360-degree view meaning you have complete control over your search.

Easy to use and quick to deploy, this is an essential tool for any underwater search.

### FEATURES

Submersible camera for use with our rugged telescopic poles.  
 A bright LED torch illuminates murky waters to aid you in searches.  
 Ideal for searching and inspecting underwater areas.  
 Fully portable.  
 Colour monitor with record facility.  
 Easy to use.  
 Outstanding quality and durability.  
 For daily use in tough conditions.  
 Utilizes a powerful, rechargeable lithium-ion battery.  
 Displays its findings via a clear 7" TFT display.

### IDEAL FOR PROFESSIONAL USE

- Underwater search & rescue teams.
- Boat inspection.
- Harbour wall or marina inspections.
- Tank inspections.
- Underwater safety inspections.
- Fish farm maintenance & observation.
- Marine surveyors and engineers.



## SYSTEM CONTENTS



### The following are supplied with the Underwater Camera System

- CAMERA
- CAMERA MOUNT
- 7" MONITOR
- MONITOR HAND MOUNT
- MONITOR RUBBER CASING
- 12 CORE CABLE
- UK CHARGER
- USB CABLE
- AUDIO/VIDEO CABLE

### Optional extras

- MONITOR POLE MOUNT
- VARYING CABLE LENGTHS

### DESCRIPTION

### POLE ACCESSORIES

### STOCK CODES

### REACH POLE-CAMERA

# REACH POLE ACCESSORY

## UNDERWATER CAMERA FEATURES

Water pressure: 50m  
Sensor: 2MP sapphire crystal lens window  
Camera housing: 316L stainless steel  
Image sensor: Sony  
Signal system: PAL/NTSC  
Effective pixels: 1920(H)\*1080(V)  
Min. illumination: 0.0001Lux@F1.2  
Angle of view: 140° lens  
LED: 12pc light  
Focus distance: 5cm-1000cm  
Video frame rate: AHD PAL: 1080p@25fps AHD NTSC: 1080p@30fps  
Video output: 1080P HD-AHD default, 1.1Vp-p composite output (75Ω/BNC)  
S/N ratio: 65dB  
White balance: auto  
Operating conditions: -20°C - 60°C  
Power supply: DC12V (supplied by monitor)  
Power consumption: 1W max.  
Cable: 1-200m, 5.0mm, 12cores or 201-500m, 7.5mm, 12 cores  
Dimensions: Ø23\*53mm



# REACH POLE ACCESSORY

## PORTABLE DVR MONITOR FEATURES

### Display

7" full view (1024 x 600pixel) HD screen  
View angle: 170 degrees  
Brightness: 500 cd/m

### Video

4x zoom monitoring  
Video input: HD – TV1, HD-CV1, AHD, CVBS 4 in 1 video balun (provides 12VDC output for camera)  
Response: <0.1s  
Power output: 12V 300MA  
Video LED control output: LED on/off  
Video record & storage pixels (16:9): 1080P (1920\*1080), 480P (720\*480)  
800m HD TV1 1080P 75-5 signal reliable transmission  
Video compress: H.264 encoding  
Video storage format: AVI  
Supports loop/no loop recording  
Support for composite video output

### Audio

Support earphone monitoring  
Audio freq range: 20Hz – 20KHz AAC  
Audio compression format: AAC

### Photo & Storage

Photo storage format: JPG 5.0M, 3M, 2M, 1.3M, VGA for option  
External SD card: TF card 2-128GB (optional)  
128GB recording time: approx. 18 hrs

### Operating System

PC: Windows and Mac OS  
Port: USB 2.0

### Language

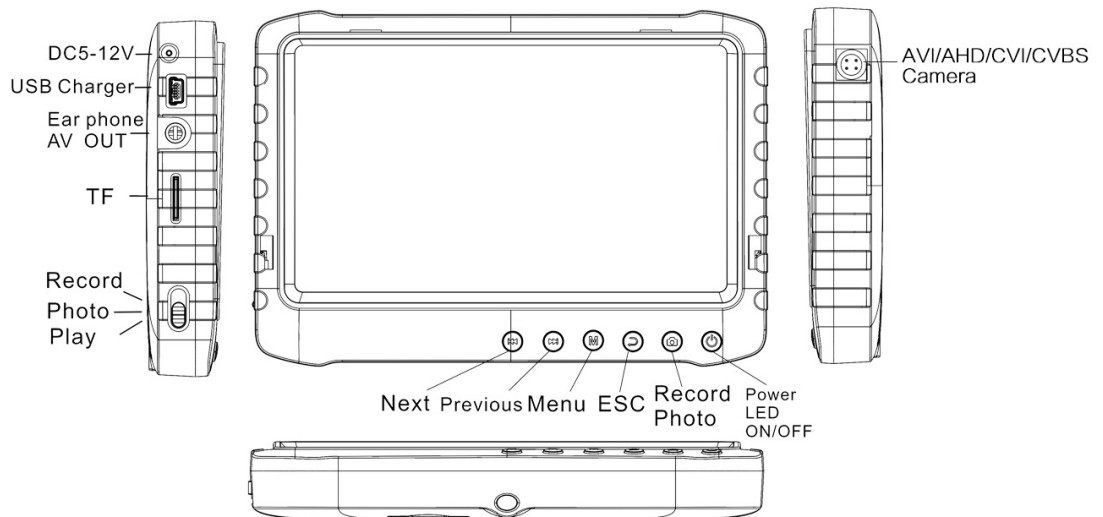
Supports multi-language.  
English, German, French, Italian, Portuguese, Spanish, Korean, Japanese, Chinese and Russian

### Power & Battery

Working voltage: DC:5-12V  
Working current: 2A  
Built-in Li-battery: 7500mAh  
Working time: >5 hours  
Power-saving mode: auto off screen

### Dimensions

L\*W\*H: 178\*122\*32mm  
Weight: 350g



Crystal clear video footage ideal for any underwater search.