

## PACKING LIST

Cameras with universal hose.....	1 pcs
4.3-inch LCD screen.....	1 pcs
Explosion-proof handle.....	1 pcs
Aluminum alloy box.....	1 pcs
12v charger.....	1 pcs

# Video Search Equipment

## Operation Guide

Model No.: V7S



Before using this product, please read the manual carefully and kept it properly for future reference

## Catalogue

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## Product Introduction

Thank you for purchasing the product! It is our latest developed HD video searching system. With state-of-art innovation technology, it helps security personnel to check clearly on front video display the spaces where are narrow, dark and cannot be reached by naked eyes. It will simplify troublesome inspection work and help save plenty of valuable time, improving security check efficiency. The product uses high-capacity Lithium battery for power supply which lasts 8 hours, avoiding frequent battery replacements. The standard aluminum-alloy carry case is solid enough to prevent equipment from damage by drop, shock or press.

For detailed instructions, please refer to the operation manual.



## Technical Specifications

### Waterproof Camera

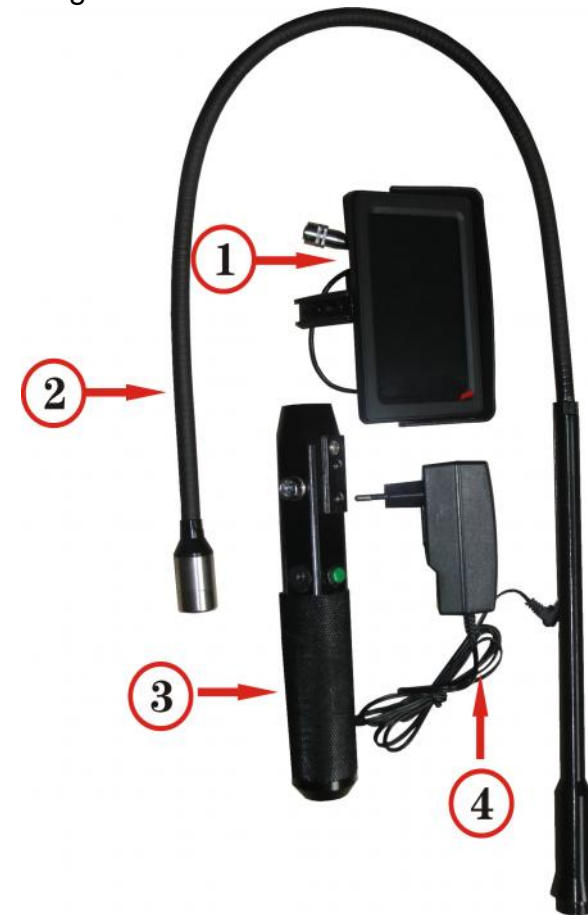
- 1.Dimension: 23mmx50mm.
- 2.Flexible pipe: 940mm
- 3.Camera casing:Stainless steel 304
- 4.Camera lens: Sapphire blue
- 5.Sensor dimension:1/4 inch
- 6.Senor pixel:PAL@720X576/NTSC: 720X480
- 7.Lens visible angle: 120 degrees
- 8.Camera adjustable angle: Arbitrary angle
- 9.Camera light source: 12 LEDs
- 10.Waterproof standard: IP68
- 11.Working voltage: DC 12V, working current: 100mA
- 12.Max length: 3.1m
- 13.Working temperature:-10 -50

### LCD Screen

- LCD dimension: 4.3-inch, 16:9  
Resolution:480\*320\*RGB  
Power supply:12V DC

## Parts

- 1,4.3 -inch 16.9 hd LCD monitor
- 2, Camera belt universal hose (adjustable at any Angle)
- 3, Explosion-proof handle
- 4,The 12 v charger



## Charging

### Charging Battery

Machine needs charging when the video image is twisted, off, grey or with line interface, or camera LED lights dim. 12. Use the charger delivered with equipment to charge the battery. Turn off the battery before charging. During charging the red LED indicators are on and red LED indicator light change into the green LED lights when the battery is

### Charger Picture



After using this product, please remove every component in the opposite order arrange another time and in turn into the aluminum alloy box in situ to ease of use.

### Note:

- 1, the bright red LED indicator light when charging
- 2, when fully charged, the red LED lights turn green, says the battery is full

## LCD key function



1. Data adjustment increments key
2. Menu key
3. Data adjustment decrements key

## Menu & Operation



Under switched on circumstance ,click on the display at the back of the menu will be displayed in the following icon:

- 1, luminance
- 2, contrast ratio
- 3, chroma
- 4, Adjust screen display format ( 16:9or 4:3)
- 5, language
- 6, reset

First of all, according to the menu select the one you need to adjust,then according to the numerical Adjust the "+" key or "-", Until your satisfaction

## Assembly instructions

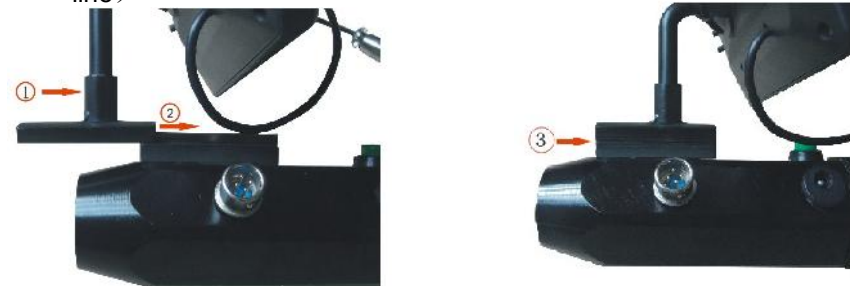
### A: Handle function description



- 1: power switch 2: Fixed display rack 3: Signal input terminal  
4: The charger socket 5: Lithium battery cover

### B: Fixed the LCD display to handle and Plug in signal line

(Attention: Under the condition of battery compartment closed connection line)



- 1: Fixed display rack  
2: Please push in the direction according to the arrow point to  
3: Assembly diagram of the success

### C: Singal cable connection



- 1, Insert the first cable to the hole
- 2, Hold (2) the location pointed to press down (Note: Do not hold the moving parts)

### D. Connect the camera and handle



Please tightening the position of the arrow point to (As shown in figure 1 position, at the second picture is finished assemble)

### E: Fully assembled equipment





## F: Complete equipment before assemble



## Operating instructions

Firstly, take product parts from the Aluminum-alloy case, and assemble them according to instructions. Note: before open the power switch, please carefully check whether all the connector assembly in place. (1, assembly controller and display. 2, will display the signal wire inserted into the handle of the input signal, 3, and the camera connected to the handle. 4, turn on the power switch). Open the handle on the power switch (green button), video search instrument can work normally, if no pictures please turn off the power supply, check whether the connector assembly in place and check whether the battery have electricity!

According to the actual situation adjust the camera's point of view  
After using this product, please remove every component in the opposite order arrange another time and in turn into the aluminum alloy box in situ to ease of use

## Simple troubleshooting

Fault	Analysis	Instruction
Turn on the battery box, the indicator was not on.	Battery no power.	1. Re-plug in the cable. 2. Charge the battery. Turn off battery before re-plugging cable
After start-up, the fill light cameras is on while the LCD screen was not lighted.	No video signal input to the LCD.	, turn off the power pull out the signal and reshipment, 2, check whether the signal wire plug is poor contact or broken line.

## Attention

- 1 Please read the manual carefully before operate this equipment
- 2 Please do not be rude operation (eg: throwing, knocking, smashing)
- 3 Please assemble all the parts and connect all the signal cable BEFORE power on
- 4 After you are finished using the device, please clean it up, to avoid affecting the next use

## After-sale Service

Free replacement is available within 30-days after purchase. One-year warranty is provided for any product defectives approved by the company. For disfunctional equipment caused by misoperation and damage, the company offer maintainance service on affordable costs. Remember to send back the machine together with original purchase dataThe warranty policy does not apply to disfunctional or defective equipment caused by accident, misoperation, improper maintainance, disasseble and abuse, as well as mended by unauthorized personnel

## Legal liability

### 1,power of interpretation

Power of interpretation of this manual and copy rights owned by the company.

### 2,trademark right

The video search meter of the name, identification, the use of the instrument belongs to the company

### 3,liability for tort

Without the permission of the company, the user who duplicates or uses the company name and identification is tortious and shall bear all the legal responsibility therefore creates.