

Pipe Sewer Pipeline Inspection Camera User Manual



Data Cable



Power Cable



Protective Shell



Pipe Pulley



Screwdriver

Please read this user manual carefully before using this product

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1: Note

- 1: Please read this user manual carefully before using this product .
- 2: Do not throwing or pressure with strength .
- 3: Do not dismantling the machine without permission.
- 4: Please copy your information before connection the TF card .
- 5: Do not suddenly cut off the power during recording and playing. This may damage the product and video files.

2.: Range of product use

- 1: pipe dredge machine .
- 2: Pipeline Inspection Camera、 pipeline tools .
- 3: Underground pipeline, air conditioning pipe, oil and gas pipeline.
- 4: Rescue operations in a small space .
- 5: For underground expedition.
- 6: Underwater river bed scientific research.
- 7: downhole television .

3: Product specification

Item :specification

Camera and cable :

Sensor:1/3 CMOS

Camera diameter:22MM .

Camera diameter: 22 (MM) *42 (MM) .

Charger :1000VAC-240VAC DC 12.6V 1000MA.

Battery :lithium battery 4500AH.

Battery continuous working time : about 6-8 hours.

Max Inspection depth/material:20M 30M 50M (optional)/high elastic cable (diameter 5MM).

Camera line source :6pcs 1W high white LED (adjustable) .

Camera angle and clarity:165 degree /HD 1000TVL .

Camera material:stainless steel /IP68 waterproof camera .

Camera protective cover size /material :38mm*28mm/ plastic steel .

Display :

Size : 7inch (optional)

Function :ordinary /video /video and keyboard character input optional .

Camera /monitor picture :color

Monitor input voltage :12V DC

TF card :max support 32GB ,factory standard 8GB .

Display resolution: 7 inch 16: 9,960*480.

Menu : Chinese /English optional .

Display port :power input /keyboard input /Video and Meter Counter input .

Meter Counter:digital millimeter count,error 0.2MM/can be zero clearing.
PS2 port keyboard input :Digital and English (note :do not support Chinese)
Display video format:AVI with Year,Month,Date,Time and Seconds
Display operate :button or remote .
Working temperature :-20-60 degree .
Storage temperature :-30-80 degree .
Aluminum box size :49*33.5*20(CM)
Package size :49.5*45*21.5(CM)

4: Product interface details:

1.Ordinary type :7 inch



2.Camera :



5. Accessories list :

(Different product purchase , the accessories are different)

1: Aluminum box *1 2: Charger *1 3: Metals camera*1 4:Cable wheel and cable *1

5: Battery: 1 6: Manual *1 7: Camera protective cover*1 8: Remote *1

9: Package box *1 10: 8G TF Card (DVR) 11: PS2 keyboard : 1 12: display*1



6: System install

1.Connect the charger to the battery , fully charged need about 3-4 hours . with power battery display, Charging voltage DC12.6V.



2.Connect the device according to the wiring diagram,then turn on and using .

3.The keyboard cable is 2.5M.

4.The display to cable wheel connection line is 2M

Wire diagram :(universal)



7: Detailed operation

Ordinary display operation:

1.turn on

Connect each connector, press the power button, the system starts working.

2.MENU setting

1>Press MENU enter brightness setting , press +/- to set , then press MENU exit .

2>Contrast setting , press MENU button twice enter contrast setting , press +/-to set, then press MENU exit

3>Color setting, Press MENU three times to enter settings, press +/- to set , then press MENU exit .

7inch DVR display operation :(universal)

1.turn on

Connect each connector, press the power button, the system starts working.

2.setting :

Press MENU enter ,after selecting Set ,press ENTER confirm ,Can set language/image/storage/clock .

3.DVR :pres ENTER start recording , press ENTER again to exit .

4.Video Browsing :press MENU enter ,then select the video to playback .

5.CLEAR button description :press CLEAR once to clear , restart the count.

6.USB description:Used with the PS2 keyboard, only English and Digital can be entered.

7.LED+ and LED- description:5-gear brightness adjustable.

7 inch DVR display Instructions :

Functions and specification :

1. Display :7inch ,16:9
2. Resolution :800*480
3. Power input :DC12V
4. Max support 64G TF card
5. Language :Chinese / English
6. Video Format :AVI
7. Photo format :JPG



8. APP Installation & Operation

Support OS: Android & IOS

1. APP install:

For Android:




Scan the QR code which is on the battery box or manual , then download and install.



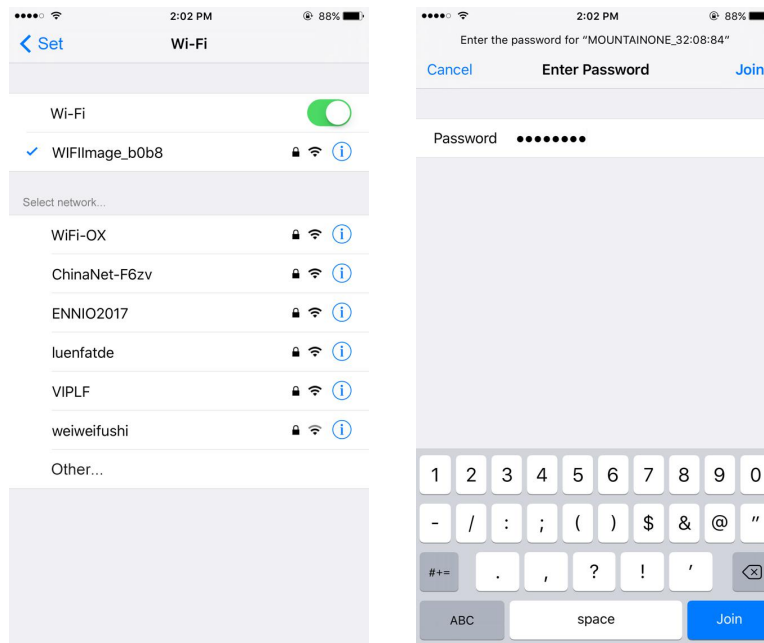
For IOS:



Scan the QR code which is on the battery box or manual , then download and install.

2. Connect the camera to the power supply, then turn on the power supply.

3. After about 15 seconds, Click the "WLAN" setting on your mobile device, found "WIFIImage_bob8" device (as picture).



4. Connect the wifi hotspot, enter the initial password (default password: 88888888), select "Connect."

If APP connecting successful between device and mobile phone, it will appear "connected"

5. The next step is back to mobile device interface, click icon  to run APP.

6. Pop-up the window 192.168.3.1, click to enter into:



7. If pop-up the image, then the operation is successful.

8. The left side shows 5 function keys:

1. Photo button
2. Record Button
3. File browse
4. Menu Setting
5. Image Zoom IN/ZOOM OUT



9. MENU Setting,like as picture:

Back	SSID	WIFIImage_b0b8
	Channel	Channel9
	pic format	MJPEG
	Image Resolution	720x576
	RTP over TCP	
	Equipment list	

9. Specifications:

Charger: AC100V-240VAC DC12.6V 1000MA

Battery: lithium battery 4500MA

Battery Working time: 8-9 hours

Monitoring Depth: 20 meters

LED controlled: LED can switch

LED: 6 pcs 1W or 12pcs Highlight white LED /IR LED

Camera Angle: about 90 degrees

Pixel: 640 * 480

Frame rate: up to 60

Camera image: color

Monitor image: Color
 Resolution: HD 1000TVL
 Signal Receiving distance: about 30 meters
 Input Voltage: 12V DC
 Operating Temperature: -20 - 60 degrees
 Packing Size: 240mm * 210mm * 110mm
 Aluminum Case size: 221mm * 107mm * 90mm
 Product Weight: 1.5KG

10. Application:

This product is an underwater camera, can be used for all underwater surveillance and video fishing etc.

- 1: Underwater breeding monitoring
- 2: Fishing monitoring
- 3: Underwater viewing
- 4: Underwater adventure
- 5: Video fishing

11. Recharge:

When the battery power is low, please recharge it, the method is as below:

1. Take out the battery and charger from the box
2. Connect the charger to the battery (CHARGER), the recharge time is about 4-5 hours.
3. Connect the charger to the alternating current of 110-240V, if the indicator shows red, it means recharging.
4. If the indicator shows green, it means recharging finished.

Notes: To make sure the battery using age longer, please recharge it timely; otherwise, maybe the battery can't be recharged.

12: Failure and diagnosis

Common problems / faults	solutions
indicator light on No image	1: Check whether each connector is connected and the camera needs to be tightened. 2: Check if the battery is fully charged and try again after it is fully charged .
No power	1: Check whether each connector are connected correct . 2: Battery is exhausted ? check the battery display

Can't record	1: Is the card inserted into place 2: The new card is formatted 3: Whether the recording process is powered off
Can not be charged	1: check the charger indicator light is on ? 2: Is the DC plug inserted good ?

13: Warranty

Name	phone		
Address			
Name of product	model		
Purchase date	Year	Month	Date
Fault description :			