

Sewer Inspection Camera with 512hz Locator and Receiver Set User Manual



Pipe Pulley



Protective Shell



Data Cable



Power Cable



Screwdriver



Please contact us at the first time if you got any issue with the product

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Attention:The illustrations and screens which in this manual are to explain the operation of this product. Due to the difference in version upgrades and production batches, they might a little different from the machine you actually use. If the content in this manual does not match your machine, please refer to the machine!

1. Notice

1. Please read the manual carefully before using it.
2. Handle it carefully during operation, avoid throwing down or pressing it heavily.
3. If the users disassemble or deliberately damage the machine, it will be beyond the warranty.
4. Please turn off the display and pull out all the connection joints after using it.
5. Please copy your information before connecting the TF card.
6. Don't suddenly cut off the power during recording and playing. This may damage the product and video files.

2. Application:

- 1: pipe dredging machine
- 2: Pipe inspection camera Pipe tool
- 3: underground pipelines, air conditioning pipelines, oil and gas pipelines
- 4: Rescue work in a small space
- 5: For underground exploration
- 6: Underwater riverbed research
- 7: Underground TV

3 . Specification

Camera and cable:

- Sensor: 1/3 CMOS
- Resolution: 1000TVL
- Camera Diameter: 22MM * 42MM
- Camera Type: with 512HZ Locator
- Detect Depth (Cable Length): 20m / 30m / 50M (optional)
- LED: 12 pieces of white LED beads (Brightness can be adjustable)
- Viewable Angle: 145 degree
- Camera Material: stainless steel/ IP68 Waterproof

LCD Monitor:

- Size: 9inch
- Monitor input voltage: DC 12V
- Display Resolution: 1024*600
- Monitor Image: Color
- Memory Card: includes 8GB card, (Max support 32 GB card)
- Menu language: Chinese /English Optional
- Operation Method: Press button
- Operate Temperature:-20-60 degree
- Storage Temperature:-30-80 degree

Battery Box:

Charger: DC12.6V 1200MA

Charging time: about 5 hours

Battery capacity: Lithium battery 12V 4500mah

Battery working time: about 6-8 hours

4. LCD Monitor Operation



1. Turn on

Connect all cables, turn on the power switch on battery box and screen power button, then system is starting up

2. Menu setting: (needs to exit recording mode)

press MENU/EXIT button to enter, “<” “>” button to select, REC button to confirm, press MENU/EXIT button to exit operation, can set REC/Photo/Time /Contrast/Brightness/Colorful, Language:Chinese/English/Russian Optional

Recording operation: Press REC button once time to record, press it again to stop

Playback: Press PLAY/+ to enter, press < > to select video, press REC/- to play, press MENU/EXIT to delete, save or preview

5. Meter Counter Function

Screen will display distance by meter and feet at the same time automatically



Press the clear key first before using this function, it will be counted the meter when the wire reel rotates, and the data is displayed on the screen in real time.

6. Camera Probe with Built-in 512hz Locator inside



It transmit a special frequency signal through the built-in chip

Transmit frequency : 512HZ

Output wave : Sine wave

Transmit Distance: about 5 Meter



7. 512HZ Receiver

The receiver has a built-in induction coil to receive the magnetic signal from the pipeline, and the coil generates an induced current to calculate the direction and position of the transmitter. There are two receiving modes: Far (note: about 5M) and Near (note: about 1 meter). Then adjust the sensitivity knob, peak mode (maximum) or null mode (minimum) to locate the transmitter



Receiver Technical Parameters:

Receiver Frequency: 512HZ
Detect Distance: about 5m
Battery: 3.7V 3000MAH built-in lithium battery
Charger: 5V 1A
Charger time: about 6 hours
Battery Indicator: 3 gear, it is flashing when battery is low
Battery working time: about 10 hours
Signal strength: 6 gear
Speaker: Support
Detect Mode : Far/ Near

How to Use Receiver to Detect Camera Position:

1. Turn on the detector, set the sensitivity knob to the strongest gear
2. Set it to far mode to detect first. When the signal light is on, it means that you have entered into the 512hz locator position within 5 meters.
3. Then move forward to the direction of signal. Keep finding and moving to the strongest signal, try slowly reducing sensitivity, until find out the position which is strongest signal when sensitivity is weakest.
4. After that, switch the button on the left side of the handle to the near mode, and set the sensitivity knob to the strongest gear to continue detect, keep moving and finding the signal source. when it reach out the strongest signal position, the receiver has entered into the 512hz locator position within 1 meter.

8. Device Charger

Charger: input 100-240V output 12.6V 1000MA

Note: Charging time: about 5-6 hours

It can't work when the battery is less than 20%

AC: 100-240V
OUTPUT: 12.6V-1000MA

Indicator

Red -- on charging

Green -- full charged

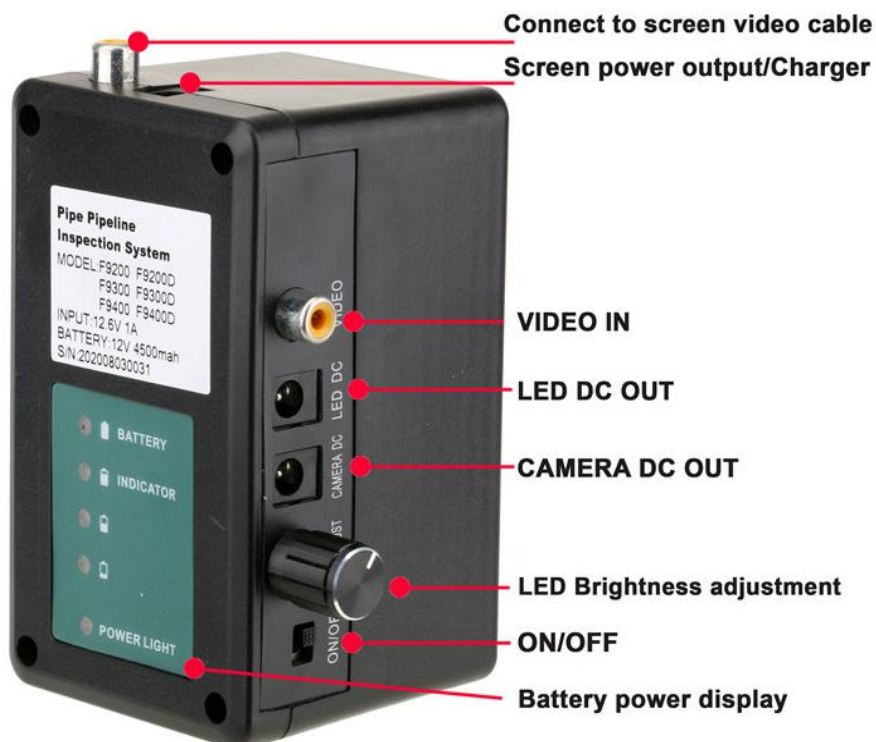


UK plug

EU plug

US plug

9. Battery 4500mah

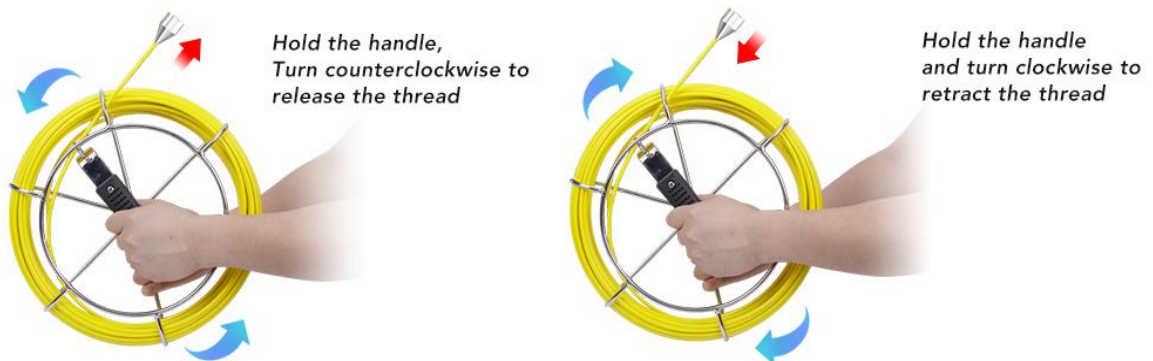


10. Wire Diagram



11. Cable Operation

put the cable on the hook, pull to release or push back to coil the cable.



12. Warranty

We provide one year warranty for the product, and free replacement within 7 days for any quality problems. From the day you purchased, we provide free maintenance for the normal breakdown, but for the damage caused by operation against the manual, we will charge for the cost fee for the spare parts to maintain even if product is under the warranty.

-----Contact Us-----

Go to our website to download use manual or check more Products:

<http://sanyipace.com/>

Our Email: SanyiMrchan@gmail.com

We support spare parts replacing, please contact us at the first time when you got issues with our product.