

Pipe Inspection System



Instruction Manual

Attentions

1. Read the instructions seriously prior to utilization.
2. No throwing or pressure with strength.
3. No guarantee repair for users' voluntary unpacking or spoilage.
4. Due to the version upgrades, if mentioned in this manual content does not accord with your machine, please refer to our machine.

Range of Application

1. Use it with mini-video camera with the tube diameter as 23-120MM
2. Water-supply pipe
3. Air-conditioner pipe
4. Cable pipe
5. Pipeline vacuum system
6. PLUNBIN pipe
7. Buildings
8. Sunken pipe

Product Specification

Item:	parameter
Charger:	AC100-240V DC12.6V 1000MA
Battery:	aluminium-cell arrester4500MA
continuous use time for battery:	approximate 6h
investigation depth:	20M(selectable line length)
material:	fiber tube with /high intensity
camera light source:	12 LED with high while light(adjustable)
camera viewing angle:	110°
camera size/material:	120MM* 23MM /stainless steel
camera protective cover parts size/material:	40MM* 30MM /plastic-steel
camera depth:	400MM (approximate)
camera picture:	color
Operating temperature:	-20-60°
Storage temperature:	-50-60°
Aluminium box size:	375*265*135mm
Package size:	400*165*345mm
Switchboard net weight:	4.2KG
Packaging machine weight:	4.8KG

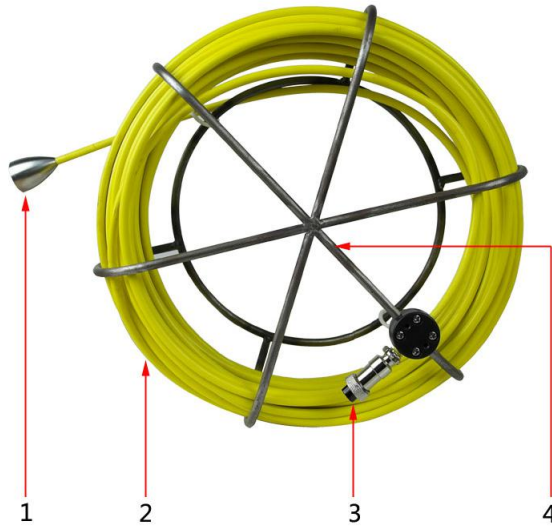
3 Coil

1、 camera wire interface

2、 fiberglass rob cable

3、 coil plug to the cell box

4、 coil



4 cell box

1power light

2power switch

3light-degree adjustment for white light LED

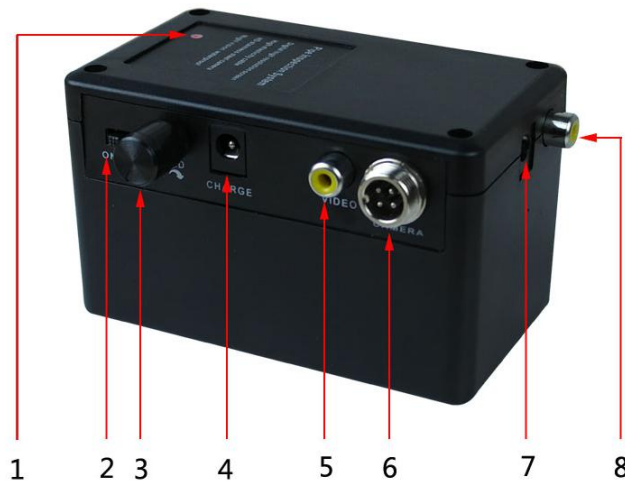
4 power input for charger

5AV output

6 adjacent coil plug

7 power of monitor

8 monitor video



how to operation

Common Type

1、 Boot

Connect all the connectors and press the power key, the system will start to work.

2、 Menu Settings

1> Brightness

Press the MENU key to enter brightness setting, press the “+ -” key to set the brightness, and then press the MENU key again to quit the menu page after doing this.

2> Contrast

Continuously press the MENU key twice to enter contrast setting, press the “+ -” key to set the contrast, and then press the MENU key again to quit the menu page after doing this.

3> Color setting

Continuously press the MENU key for three times to enter the color setting, press the “+ -” key to set the color, and then press the MENU key again to quit the menu page after doing this

3、 Image mode

Press the “image modee” key, and the images will overturn in all directions.

System Installation

1. Vital: turn off the power switch, connect the video camera and the monitor, or the video camera and the monitor may be damaged.
2. Connect camera A-coil B-cell box C-monitor D (Pic.1)
3. Turn on the power switch in the power box, the indicator light on the monitor is on, the switchboard starts.
4. Install the video camera with the protective cover slightly and put it into the pipe, rotate coil to proper depth.
5. Adjust LED light degree adjuster to proper light degree.

For videotape, refer to the DVR operation details (display operation:Recording Type)

6. Switch video to another large screen through video line.
7. After utilization, mover the camera from the pipe carefully, take clean, soft and dry cloth to clear up it and put it back.

Picture 1



Charging

When the battery power is low, it needs charging, and the method is as below:

- 1、 Take out the battery and charger from the box.
- 2、 Connect the charger to the battery(red to red, black to black).
- 3、 Connect the charger to the alternating current of 110-200v. The red indicator means charging.
- 4、 The green indicator means finishing charging.

Notes: to make sure the battery using age longer, please recharge it timely; otherwise, it will make it can not recharged.

Accessories Picture

- | | | |
|-------------------------------------|------------|-------------------|
| 1 Aluminium box | 2 Cell box | 3 Camera |
| 4screw driver | 5 Monitor | 6 Connecting line |
| 7 Coil | 8 Charger | 9 Sun shade |
| 10 Protective cover (plastic steel) | | |

