

PIPE INSPECTION CAMERA



INSTALLATION GUIDE & MANUAL

! Please read this user manual carefully before using

PIPE & WALL INSPECTION SYSTEMS

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Notice

Safety

Warning please read all safety warnings and all instructions before using this product. Neglect to follow the warnings and instructions may result in electrical shock, fire and potential injury. Please save this manual for future reference.

- Do not operate this device in the presence of flammable liquids, gases, hazardous chemicals, superheated liquid or heavy dust. It may create sparks which may ignite the dust or fumes.
- Handle it carefully during operation, avoid dropping or applying heavy pressure over the unit.
- Please turn off the display and unplug all the connection joints after use and store in a dry place.
- Format memory card when use for the first time.

Always backup your data before connecting your SD memory card to this system. The manufacturer is not responsible for any data of damage on your SD memory card for any reason.

- Don't suddenly cut off the power during recording or playbacks, this may corrupt the files.
- If the users disassemble or deliberately damage the machine, it will breach the warranty.
- The camera head and the cable are waterproof, however, the DVR and connection cable are not. Do not expose them to water or rain. This increases the risk of electrical shock.

Battery

Please fully charge the battery for the first time of receiving the unit.

During charging, the power adapter indicator light is red, and when it is fully charged, the indicator light changes to green.

Please charge device at least once every 3 months to prevent any damage to the battery.



Never dispose of used batteries or rechargeable batteries in household waste. As a consumer, the user is legally required to take used batteries to appropriate collection sites, the retail store where the batteries were purchased, or wherever batteries are sold. Disposal: Do not dispose of this instrument in household waste. The user is obligated to take end-of-life devices to a designated collection point for the disposal of electrical and electronic equipment.


Specification

Camera Head	
Camera Size	23mm x 120mm
LED Lights	12pcs White LED
View Angle	120 degrees
Material	304# Stainless Steel
Waterproof Rating	IP68
Sensor	CMOS
Resolution	960TVL
Monitor Display	
Display Size	7-inch
Display Resolution	1024(H) * 600(V)
Camera Image	Color
Display Operation	Press Buttons
Video Format	AVI
Photo Format	JPG
Memory Card	8GB TF Card Included
Cable Wheel	
Cable Diameter	5mm
Cable Material	Fiberglass
Battery	
Charger Input	AC 100-240V 50/60Hz 0.6A Max
Charger Output	5.0V 2000MA
Battery Capacity	Li-ion 6000mAh
Charging Time	7-8 hours
Working Time	6-8 hours
Charge Status	Power Adapter Red LED on
Full Charge	Power Adapter Green LED on
Operate Temperature	-20°C-60°C
Storage Temperature	-30°C-60°C


Screen Buttons Introduction




1:  Decrease

2:  Increase

3: **M** Menu

4:  Zoom in (level 0-3)

5:  Camera's LED light control (level 0-5)

6:  Power button, Long press for 4 seconds to power on,
short press to power off



REC-OK

Press once to record video.
Long press to view recorded videos.
Also as a Confirmation key.



Press once to take a photo.
Long press to view taken photos.

M

Press to enter menu. Exit/Go back to the previous page.



Zoom function, can zoom up to 5 levels.
Left Key.



Adjust LED light brightness, can adjust to 5 levels of brightness.
Right Key.



Turns the screen ON and OFF

How to Record or View Recorded Videos

- 1 Press the "**REC-/OK**" button to start recording video, press it again to save the video.
- 2 Press and hold the "**REC-/OK**" button for two seconds to view the recorded videos.



- 3 Press "**Q/◀**" or "**Q/▶**" button to select the video you want to view.
- 4 Press "**REC-/OK**" button to play the selected video, press again to pause. Press the "**Q/▶**" or "**Q/◀**" button to switch between videos. Press the "**M**" button to exit playback.



Note: To prevent data loss, the recorded video will automatically be saved in segments. There are three segmentation time options: 1 minute, 3 minutes, and 5 minutes. By pressing the "**M**" button, you can access the menu. Press the "**Q/▶**" button to select the "**VIDEO SETTING**" submenu, then press the "**REC-/OK**" button to enter the submenu. Press the "**Q/▶**" button again to select "**REC TIME**" and press the "**REC-/OK**" button to choose the auto-save recording duration. Press the "**M**" button to exit.

How to Take a Photo

- 1 Press the "📷" button to take a photo.
- 2 Long press the "📷" button for two seconds to view the photos you've taken. Press the "**REC-/OK**" button to view the full-sized image, and press the "⏮️/▶️" or "⏭️/◀️" buttons to switch between photos. Press the "**M**" button to exit the viewing mode.



How to Delete Videos and Pictures

- 1 To delete a video: Long press the "**REC-/OK**" button for two seconds to view the videos. Press the "⏮️/▶️" or "⏭️/◀️" button to select the video you want to delete. Then, long press the "**REC-/OK**" button for two seconds to enter the delete interface, select "**YES**", and press the "**REC-/OK**" button again to confirm the deletion.
- 2 To delete a photo: Long press the "📷" button for two seconds to view the photos. Press the "⏮️/▶️" or "⏭️/◀️" button to select the photo you want to delete. Then, long press the "**REC-/OK**" button for two seconds to enter the delete interface, select "**YES**", and press the "**REC-/OK**" button again to confirm the deletion.



How to Format

- 1 Press the "**M**" button to enter the menu, press the "🔍/▶" button to select the "**VIDEO SETTING**" submenu.
- 2 Press the "**REC-/OK**" button to enter the "**VIDEO SETTING**" submenu, press the "🔍/▶" button to select "**FORMAT**".
- 3 Press "**REC-/OK**" to enter the format option, press the "🔍/▶" or "🔍/◀" button to select "**YES**", then press "**REC-/OK**" again to confirm formatting.



How to Change Language

- 1 Press the "**M**" button to enter the menu, press the "🔍/▶" button to select the "**LANGUAGE SET**" submenu.
- 2 Press the "**REC-/OK**" button to enter the "**LANGUAGE SET**" submenu, press the "🔍/▶" or "🔍/◀" button to select the language you are familiar with, press the "**M**" button to exit. The system language is now set to your selected language.



Package List



Cable & Reel



Bag



Power Plug



Moniton



Camera Head



Monitor Stand



Protective Case



Connecting line

