

VEVOR[®]

TOUGH TOOLS, HALF PRICE

Technical Support and E-Warranty Certificate www.vevor.com/support

Pipe Inspection System

Model: WP9613FT

We continue to be committed to provide you tools with competitive price. "Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.

VEVOR®

TOUGH TOOLS, HALF PRICE

Pipe Inspection System Instruction Manual



NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

Please read this manual carefully before use!

Attentions

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 beyond the warranty.
4. Please keep distance from the system when charging
5. After being used, turn off the display and pull out all the connection joints.
6. Due to the version upgrades, if mentioned in this manual content does not accord with your machine, please refer to our machine.

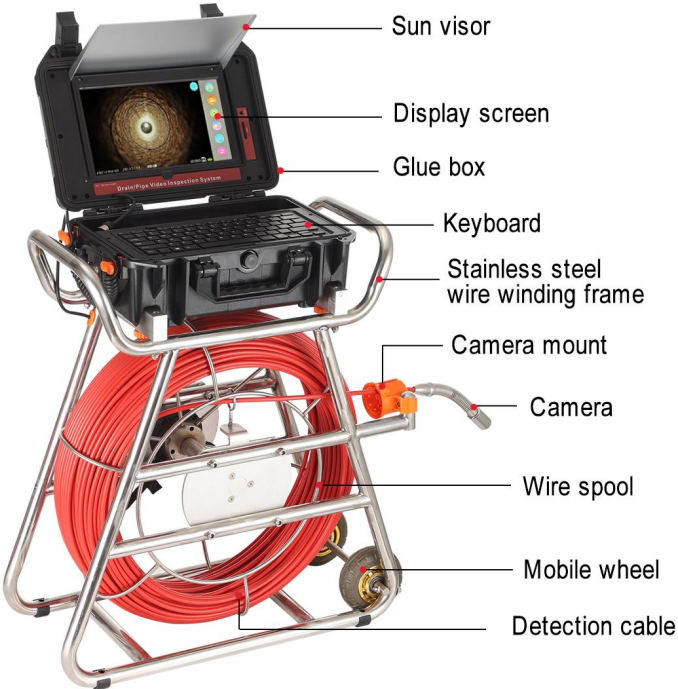
Description

1. 10.1" Color TFT LCD Screen.
2. High resolution camera,clear picture
3. Video taking and photo function
4. Support keyboard input
5. With meter counting function, the depth of the camera into the pipe can be shown on the display
6. One-button start
7. Super bright white LED adjustable
8. Waterproof durable suitcase
9. High quality special cable, waterproof and anti-corrosion/cold/tensile.
10. 12V4500MA lithium battery.
11. The lights can on/off.night lights adjustable.
12. Range of Application: Water-supply pipe / Air-conditioner pipe / Cable pipe / Pipeline vacuum system / PLUNBIN pipe / Buildings / Sunken pipe
13. Cable diameter: 7mm
14. Camera: 512Hz Self-Leveling

Product Specification

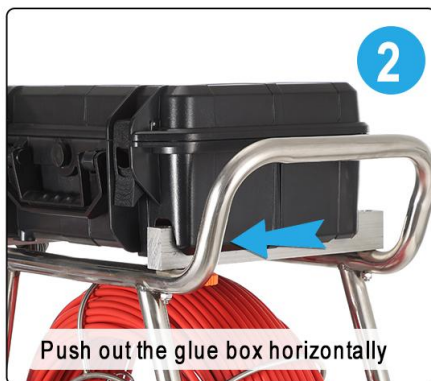
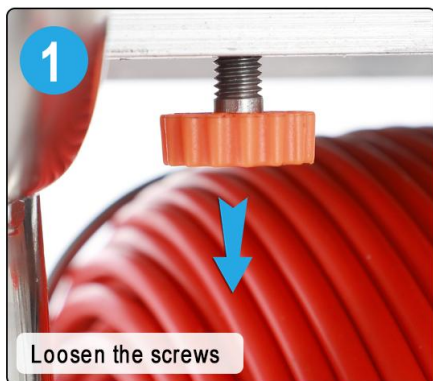
Item:	parameter
Charger:	AC100-240V DC12.6V
Battery:	Lithium battery 12V
Continuous use time for battery:	Approximate 6h
Investigation depth:	100m
Material:	Fiber tube with /high intensity
Camera light source:	With high while light
Camera material:	Stainless steel
Menu languages	Multi-language
Camera picture:	Color

Instruction for Product product manual





Plastic box disassembly method



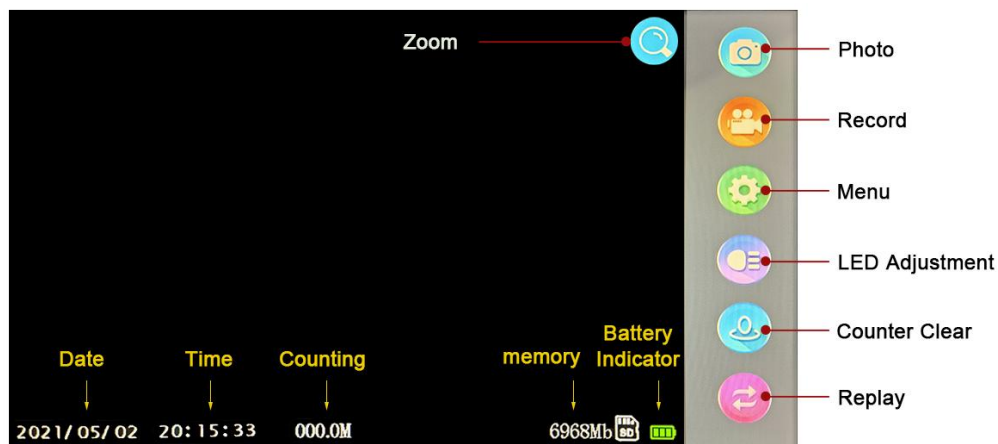
Camera

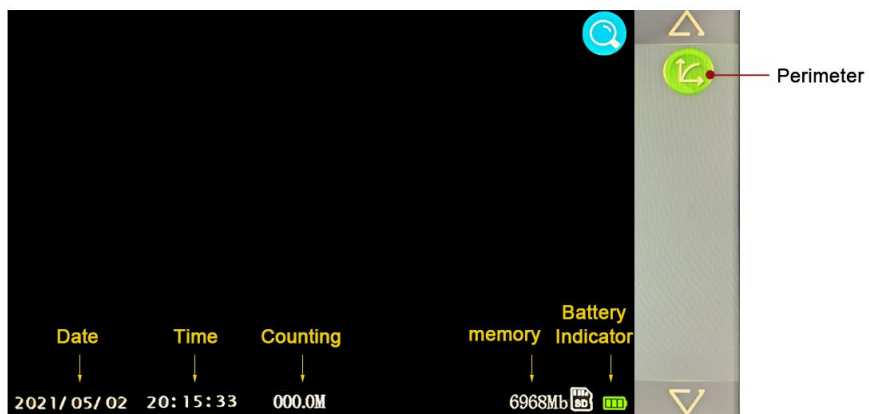
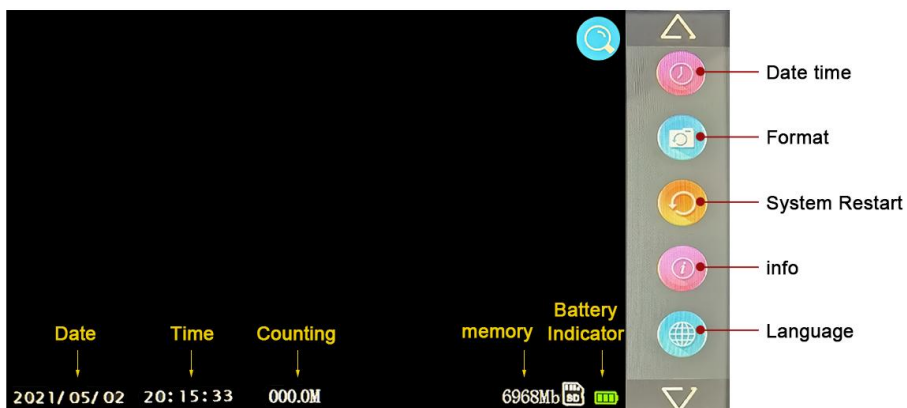
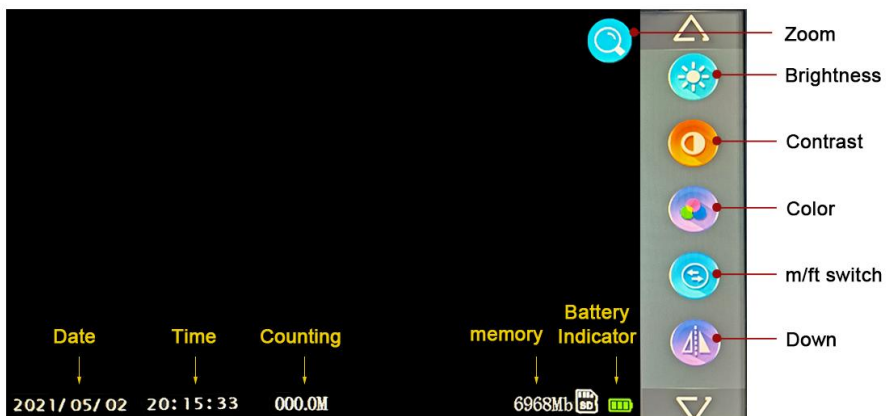


Product Specification

Item:	parameter
Camera diameter:	23mm
With the tube diameter:	>25mm
Camera light source:	12 LED with high white light(adjustable)
Camera working voltage:	5V
Lights working voltage:	12V
Camera assist function:	self-balancing
Camera assist function:	512Hz
Water proof:	IP68
Camera material:	stainless steel
Camera size:	23mm
Camera protective cover parts material:	plastic-steel
Camera protective cover parts size 1:	29mm* 40mm
Camera protective cover parts size 2:	40mm* 90mm

Monitor





Coil

***High quality fiberglass
detection cable***



Product accessories



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 -coil -cell box -monitor (Pic)
 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.

Product connection



Charging

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

1. Take out the charger from the box.
2. Connect the charger to the battery.
3. Connect the charger to the alternating current of 100-240v. 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.

Battery recharge

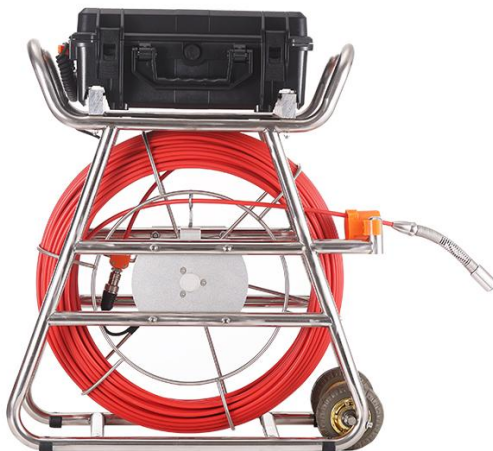
12V 4500mah Super Hiht Capacity battery



The red indicator means charging.
The green indicator means finishing charging

Product components and accessories

Product Components



Camera



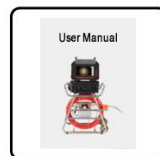
TFT LCD Screen



Detection cable



Wire rack wheel



instruction book



Protector 1



Protector 2



Charger



keyboard



Screwdriver

Pipe Failure Analysis

1. Ensure that each interface is properly connected during installation.
2. During the installation process, when a blue screen appears, it means that the camera, battery box and display screen are not connected successfully
 - ① Check whether the camera is loose, and tighten the camera.
 - ② Check whether the camera video cable is in full contact with the battery box.
 - ③ Check whether the video cable of the display screen and the power cable are in complete contact.
3. During use, pay attention to charging in time when the battery power light shows the last grid of power to prevent the battery from being lost and unable to be charged.
4. The cable should not be knotted when used, and the cable should not be bent less than 90°.
5. Do not drop the product violently to prevent the cable from being broken!
6. Please turn off the power before removing and inserting the memory card

Failure analysis	Fault reasons and precautions
Blue screen	<ol style="list-style-type: none">1. Check if camera connector is loose, and if camera is loose, caused poor contact.2. Check if cable and power supply connected loose.3. Check if monitor is connected with power supply normally.4. Check if cable is broken.5. Check if there is water leak to the front of the camera or if camera is damaged.6. When using the camera, put on the protective cover first, protect camera not to collide with hard objects and damage, cause unable to display images
LED light not on	<ol style="list-style-type: none">1. Read the manual to get the correct way to turn on

	<p>the light.</p> <p>2. check if there is water in the camera, the water will damage the camera LED.</p>
No Power	<p>1. Check if battery is fully charged.</p> <p>2. Check if display screen is damaged.</p> <p>3. check the power box and screen connecting, to be sure it is right.</p>
Cannot format	<p>1. The memory card is damaged. Replace the memory card.</p>
Unable to charge	<p>1. Check if charging port is with foreign matters or deformation.</p> <p>2. Check whether the charger is damaged.</p> <p>3. If the power is too low, it should be charged in time to prevent the battery loss and unable to charge</p>
Photo/video cannot be saved	<p>1. Check if memory card is damaged. Replace the memory card,.</p> <p>2. Check if memory card slot with foreign objects or deformation.</p>
Broken cable	<p>1. It is recommended to use the cable on pipes with a diameter $\geq 60\text{mm}$. Pay attention to the force of pushing the cable to avoid breaking cable.</p> <p>2. This product is only used for pipeline detection and inspection, and cannot be used for other purposes.</p>
Cable knotting	<p>1. When retracting and releasing cables, the cables can not be crossed and knotted, and the bending arc of cables should not be less than 90 degrees</p> <p>2. When retracting the cable, pay attention to the orderly retract with the rotating iron frame, and do not use it violently</p>
Equipment cleaning	<p>1. When cleaning the equipment, turn off the power before cleaning to avoid damage to the equipment.</p>
Note	<p>If the fault cannot be solved, do not disassemble it by user. Please contact the after-sales service team.</p>

FCC Information

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment!

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This product may cause harmful interference.
- 2) This product must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the product.

Note: This product has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This product generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the product off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the distance between the product and receiver.
- Connect the product to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for assistance.

Disposal information:



This product is subject to the provision of European Directive 2012/19/EU. The symbol showing a wheeled bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to a collection point for recycling electrical and electronic devices.

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