

Hand Held Video Pro 1.5 Camera



Please read the manual carefully before operating the system.

Please charge the battery before using.

Catalog



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Safety and Notice



Warning

To avoid electrical shock put the item indoor when charging





Warning






Use only input AC 110~240V output DC 12.6V charger.

This machine can only use the original charger and lithium battery, reminding the charging time is 5 hours. Please charge the battery before use!

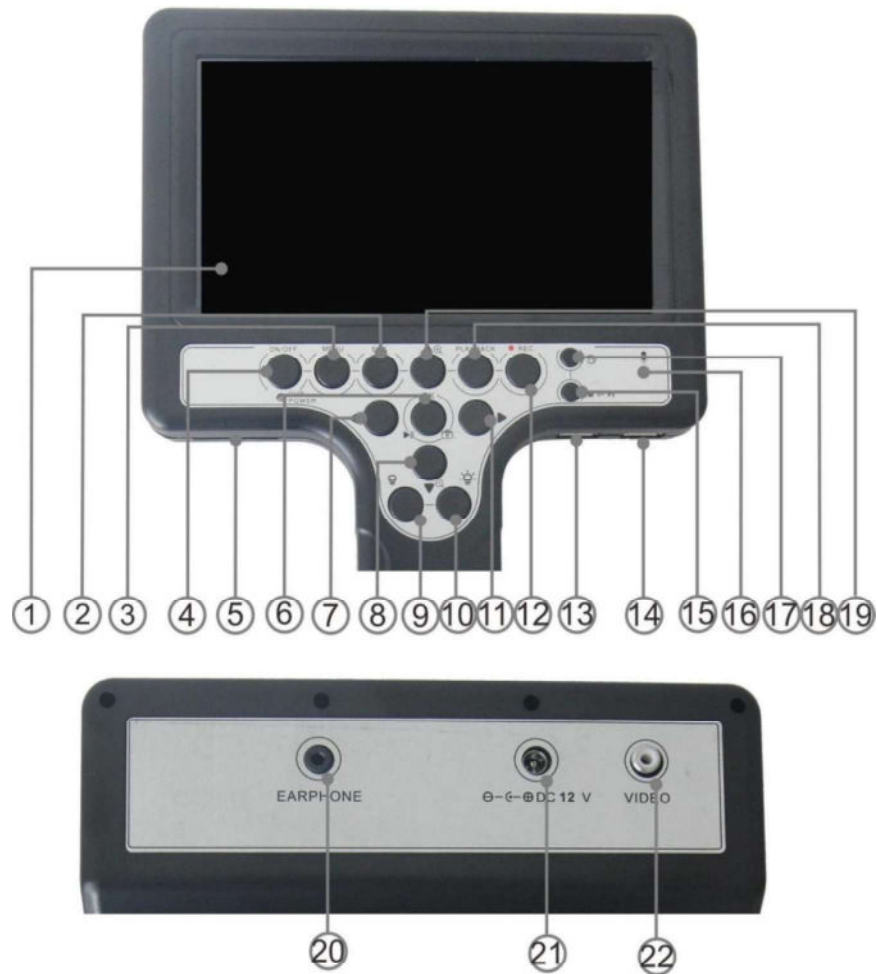
1. Please check the appearance and functionality of the goods upon receipt. In the event of damaged or missing goods, please forward images to us within 3 working days, Otherwise, we will not be able to provide after-sales service
2. Working environment of camera system $-10^{\circ}\text{C}\sim 50^{\circ}\text{C}$ ($14^{\circ}\text{F}\sim 122^{\circ}\text{F}$) $\leq 95\%$ RH; Storage environment: $-20^{\circ}\text{C}\sim 70^{\circ}\text{C}$ ($-4^{\circ}\text{F}\sim 158^{\circ}\text{F}$) $\leq 95\%$ RH.
3. The warranty becomes void if any physical damage is present by user or force majeure factors or if the system is disassembled or connect non-factory parts by the user
4. Do not disconnect the SD card while recording or playing as this may damage the system and/or the SD card
5. Remember to always back up the data on your SD card
6. Before using the SD card for the first time, it is recommended to use the check system to format the SD card.
7. Remember to slide the write protection tab to the unlocked position. Otherwise, all data on the SD card is protected and cannot be edited or formatted.
8. Use only the original accessories to avoid possible risks to health and property, and thus meet all related legal regulations.
9. Keep controller dry.
10. Do not drop, knock, or shake the inspection system. Inappropriate behavior when using the camera system may damage the internal electronic circuit board or deform the lens shape.
11. Make sure all accessories are connected before starting up.
12. Do not remove or install camera, keyboard, coil, SD card and other accessories when the machine is turned on. If replacement is required, please replace it in the power off state.

1. Components

Item	Image	Description	Optional
Camera Head & Skids		<ul style="list-style-type: none"> ● Camera Head size : $\varnothing 14 \times 124 \text{mm}$ ● Skid size : $\varnothing 30 \times 22.71 \text{mm}$ 	Standard
		<ul style="list-style-type: none"> ● Camera Head size : $\varnothing 14 \times 124 \text{mm}$ ● Transmitter : 512Hz ● Skid size : $\varnothing 30 \times 22.71 \text{mm}$ 	Optional - Available as an Add-On

Item	Image	Description
Monitor		<ul style="list-style-type: none"> ● 7 inch Screen ● Monitoring & Video recording ● Storage medium: 8G SD card & card reader (max 256G) ● Built-in battery: 12.6V 4400mAh 48.84Wh
Cable Wheel		<ul style="list-style-type: none"> ● Size : $\varnothing 330 \text{mm} \times 132 \text{mm}$ ● Cable material: fiberglass wire ● Cable length: 63 feet
Carry Case		<ul style="list-style-type: none"> ● Aluminum alloy with foam inserts
Charger		<ul style="list-style-type: none"> ● Input: AC 100-240V ~ 50 / 60Hz ● Output: DC 12.6V / 1000mA ● Plug specifications: 5521
SD card & Card reader		
Spare "O" Rings and Screwdriver		






1.1 Monitor



1	7 inch Screen	12	Record
2	Back	13	Keyboard USB port
3	Menu	14	USB port
4	ON/OFF	15	Meter/Feet switch
5	SD Card Slot	16	microphone
6	Photo/OK/ Photo folder	17	Counter reset
7	Left/ backward	18	Quick playback
8	Down/ZOOM-	19	UP/ZOOM+
9	Light brightness down	20	Headphone jack
10	Light brightness up	21	DC JACK
11	Right/ fast forward	22	Video output

2. Quick Start Guide

2.1. Connection

<p>1. Install the sun visor.</p> 	<p>2. Loosen the break.</p> 	<p>3. Put the wire into the wire hook</p> 
<p>4. Connect the camera head to the coil</p> 	<p>5. The installation is complete.</p> 	

NOTE:
Check the waterproof "O" ring between all connections.

2.2. Charge the battery

Charge the Battery



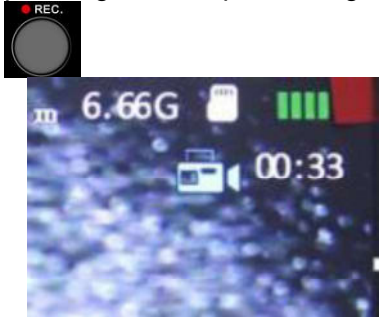
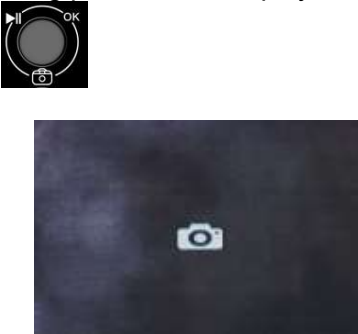
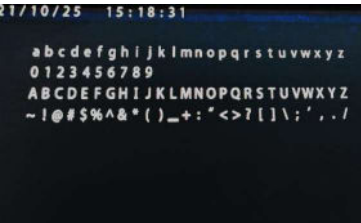


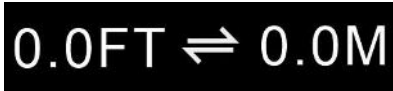
<p>1. Connect the adapter to a power supply.</p> 	<p>2. Connect the plug to the port of the Controller</p> 	<p>3. The indicator will change from red to green when finished charging.</p> 
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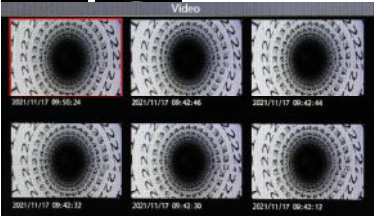
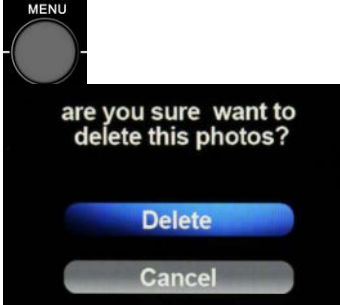

2.3. Assembling SKID



2.3.1.

<p>1. Put the camera in the stand.</p> 	<p>2. Tighten the screws on the outside of the skid. ***DO NOT OVERTIGHTEN</p> 	<p>3. The skid is installed.</p> 
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2.4. Starting up

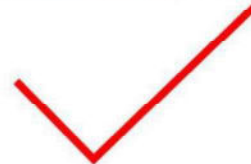
<p>1. . Insert SD Card Insert SD card or card reader & SD card.</p> 	<p>2. Long press the power button to turn on.</p> 	<p>3. Record video Press this button to record, press again to stop recording.</p> 
<p>4. Take photo & playback Press this button to take photo. Long press button to playback.</p> 	<p>5. Audio and text record (Optional) Support to record audio by microphone and input text by keyboard when recording video</p> 	<p>6. Meter counter (Optional)</p> <p>Press  button to reset the counter.</p> <p>Press  button to switch meter/ feet.</p> 

<p>7. Zoom in and out Press these two buttons to zoom in and zoom out image when recording.(max 8 levels)</p>  <p>When playing a video, you can use these two buttons to adjust the volume</p>	<p>8. Adjust volume When recording a video, you can use these two buttons to adjust the volume</p>  <p>When playing a video, press these two buttons to fast forward/rewind.</p>	<p>9. Adjust lights of camera Press these two buttons to adjust the light.</p>  
<p>10. Play video Press these two buttons to play video.</p>  	<p>11. Delete video Press these buttons to delete video.</p> 	<p>12. CVBS video out Long press the menu button for 3 seconds to switch the screen connected to other RCA jacks. Operate in the same way to turn off this feature</p> 





When play back video, press  button to pause the video, and press  buttons to fast forward and backward the video.

WARNING:

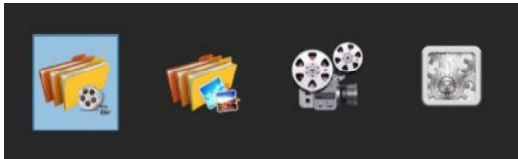
- ◆ Pay attention to the direction of the SD card.
- ◆ Do not use "USB STICK" and "SD card" at the same time.
- ◆ Do not insert or remove the U disk or SD card during the photo/video process.



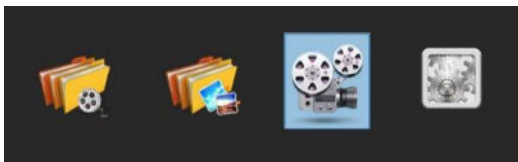
3. Menu

Press  to enter menu. Press  choose the items. Press  enter submenu. Press  enter upper submenu until to homepage.

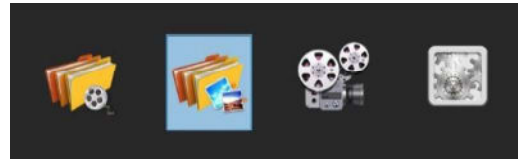
Play Video



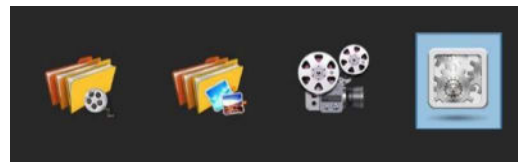
Video settings



Play Photo



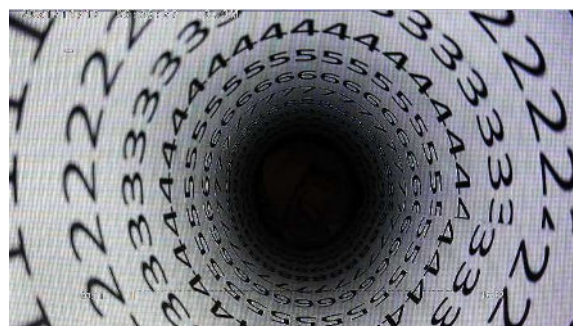
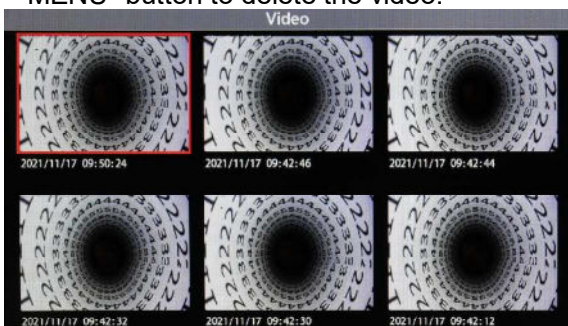
System settings



3.1. Play Video

The video folder can be opened in the menu, or it can be opened quickly by pressing "PLAY BACK".

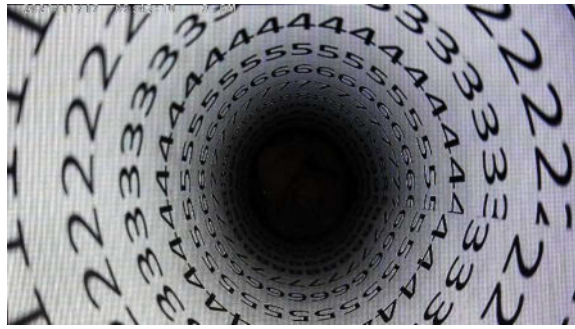
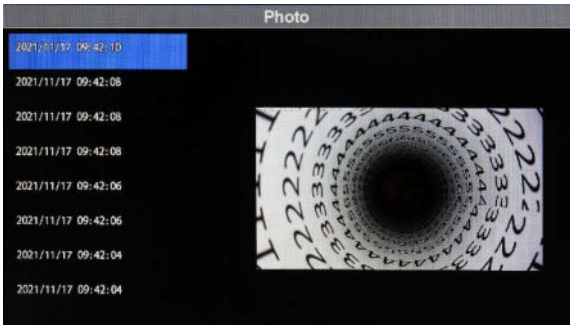
- "OK" button to play the video, "◀▶"backward/ Fast forward , "▲▼"adjust the volume , "MENU" button to delete the video.



3.2. Play Photo

The photo folder can be opened in the menu, or you can press and hold the "OK" button for 3 seconds to quickly open it.

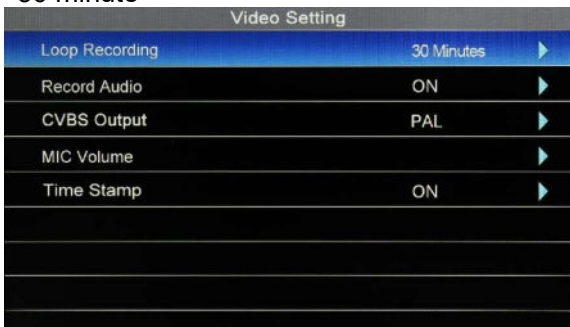
- "OK" button to view photos, "MENU" button to delete photos.



3.3. Video settings

3.3.1. Set the length of time to record video

- 5 minute
- 15 minute
- 30 minute



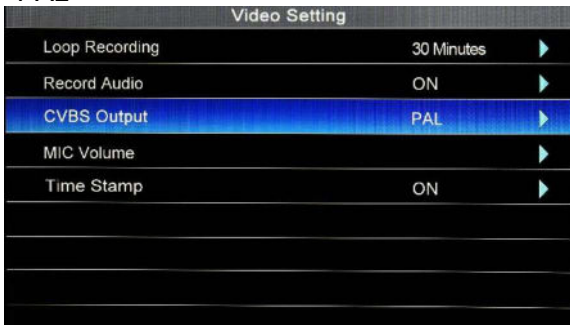
3.3.2. Record Audio

- ON
- OFF



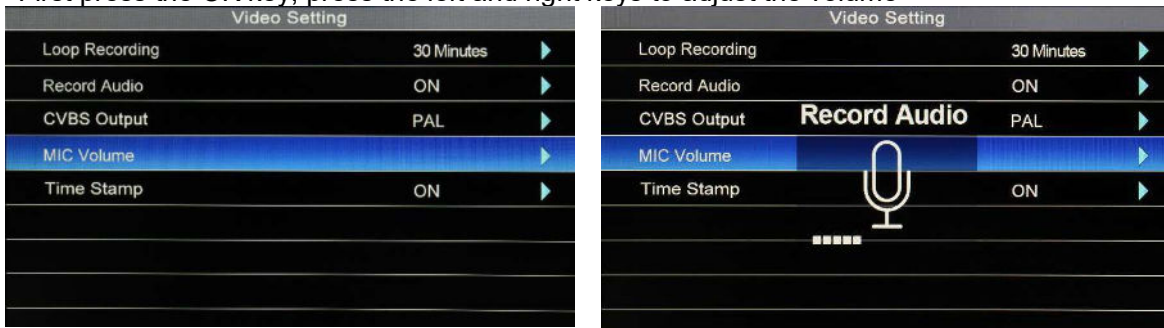
3.3.3. CVBS output

- NTSC
- PAL



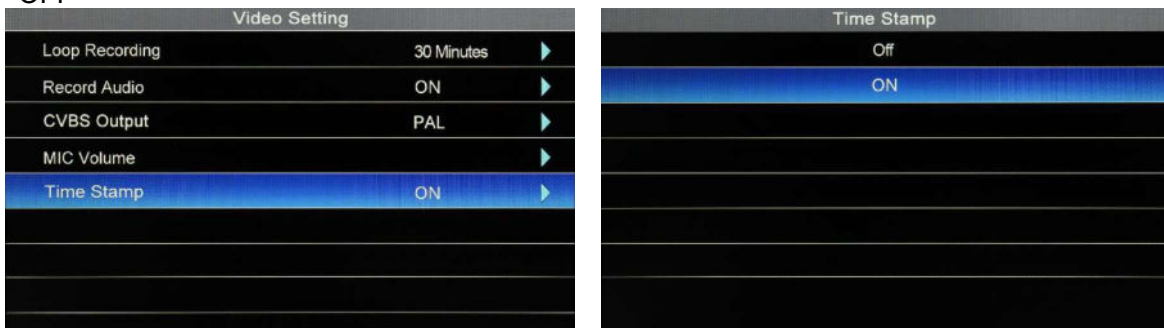
3.3.4. Mic volume

- First press the OK key, press the left and right keys to adjust the volume



3.3.5. Time Stamp

- ON
- OFF



3.4. System settings

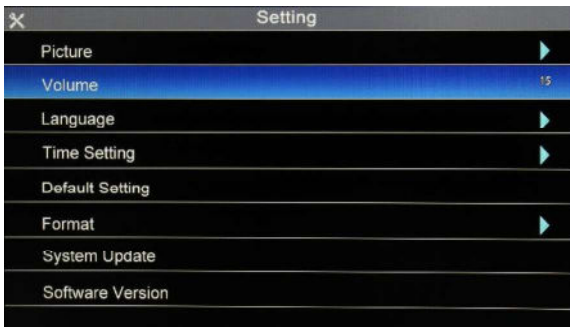
3.4.1. Picture

- Brightness
- Contrast
- Chroma
- Reset



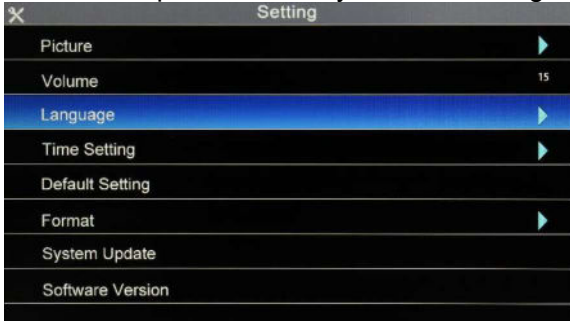
3.4.2. Volume

- Press the left and right keys to adjust the volume



3.4.3. Language

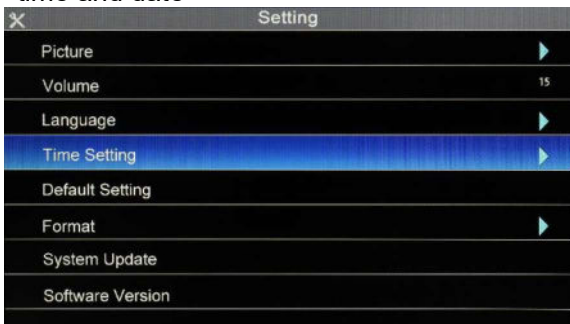
- Press the up and down keys to set the language



3.4.4. Time

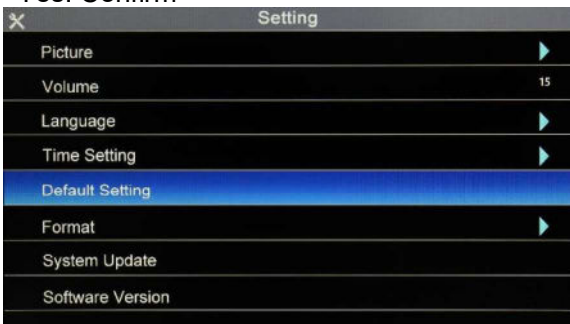
Date and time

Press the up and down keys to set the date and time, and press the left and right keys to select the time and date



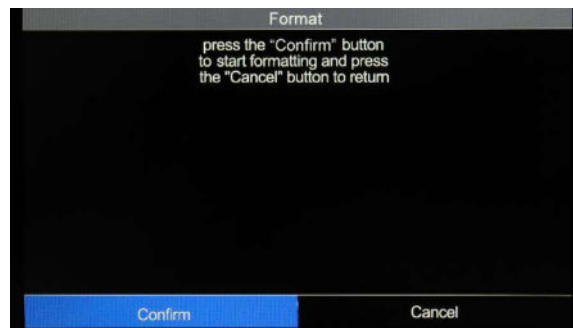
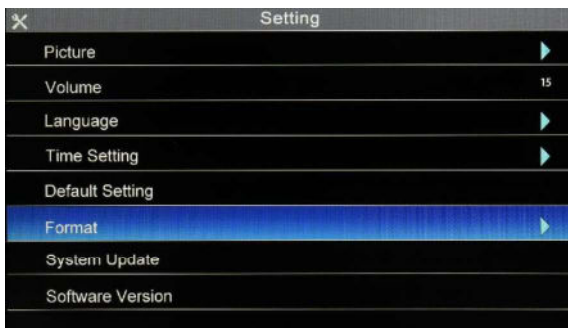
3.4.5. Default Setting

- No: Cancel
- Yes: Confirm



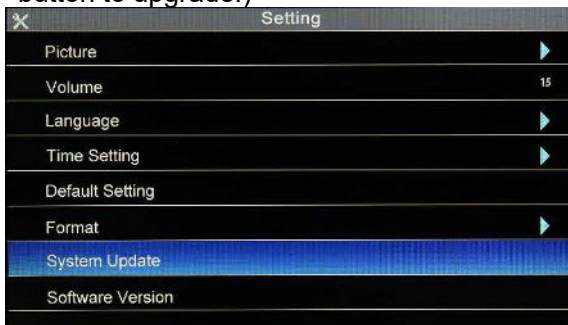
3.4.6. Format

- No: Cancel
- Yes: Format SD card (Note: please back up the data in the SD card before operation)



3.4.7. Firmware update

- No: Don't upgrade system
- Yes: Start to upgrade (Need to insert the SD card with the upgrade program, press the "OK" button to upgrade.)



3.4.8. View software version

- View software version, date

