

USER MANUAL



JH-1001HD

Full HD H.264 video compression technology

High Definition Video Recorder 1080P High Video Resolution

THE SHEPHERD™

KEEPING A WATCHFUL EYE!™

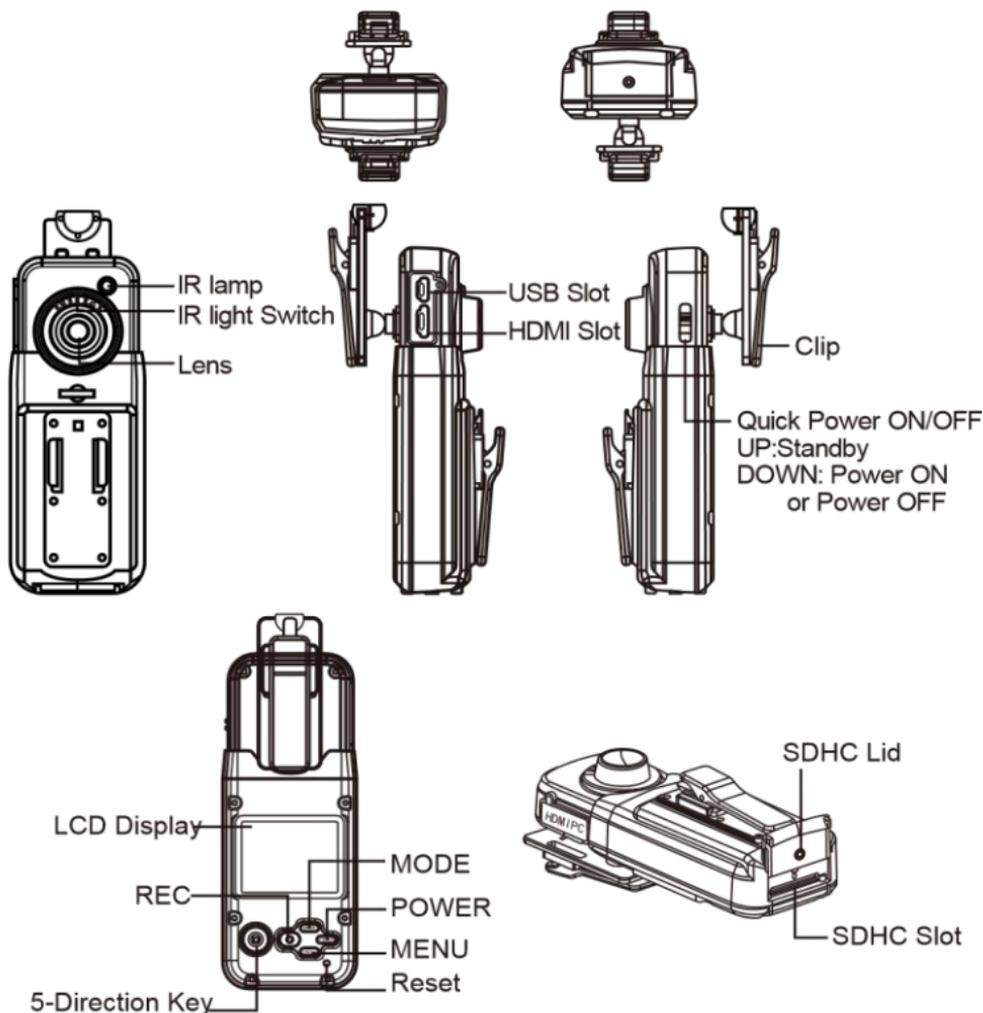
JH-1001HD 1080P Video Resolution

High Definition Video Recorder
Full HD H.264 video compression technology

Product Features

- Industry's first ultra-light portable camcorder with 1920x1080P High Video resolution surpassing traditional DV video recording quality, record your life with distinction.
- Replace low resolution and expensive image and video recorders; using this camcorder for 1920x1080P high resolution recording, whether it is face recognition, license plate or other recognitions, everything will be clear at a glance.
- Suitable for recording during operations by police, sports such as skateboarding or skiing, high resolution monitoring during evidence recognition, vehicle accident evidence collection, criminal investigations, home monitoring, events, etc., using most distinct way to record and satisfies various needs.
- Unique split design making the host device light and handy, by using rotating clothing clip, it can be carried in many ways; further host device and extended device can also be fitted together. This design makes wearing more convenient, clip can be rotated 360°.
- Unit can conveniently face forward or at designated direction. Recorded files can't be deleted or editing on the device without the passcode, can support 32G SDHC memory card. • Connect to computer directly, no need to pull out the memory card and no need for card reader.
- Circulated recording feature without any interruption during recording.
- Built-in long life lithium battery can continuously run for more than 6 hrs.
- Super 4x digital zoom lens, can record far away objects clearly.
- Video reverse recording 180 degree.
- High resolution HDMI output, video recording and picture will not be distorted when magnified to maximum resolution, more compact design for connection cable for host device and extended device.

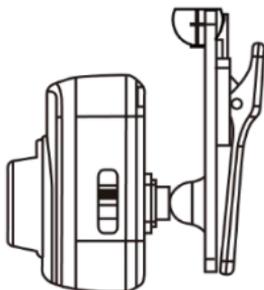
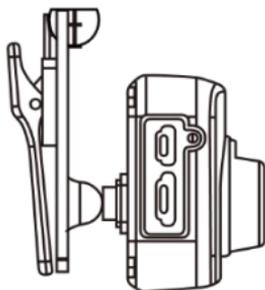
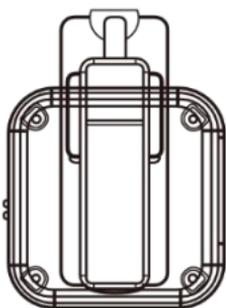
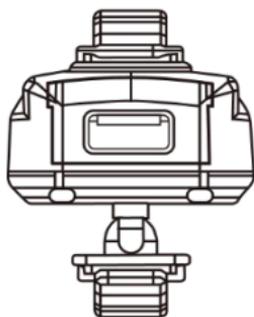
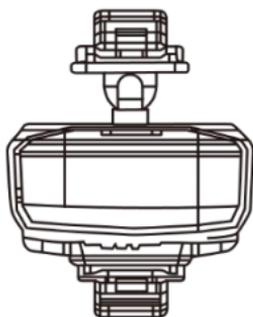
Extended device structure



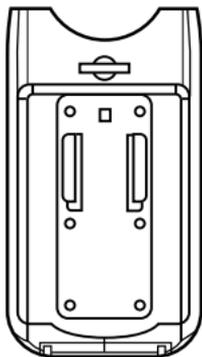
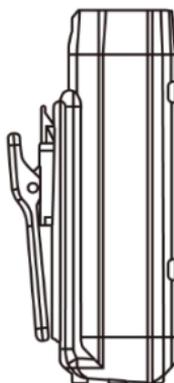
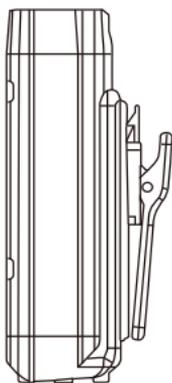
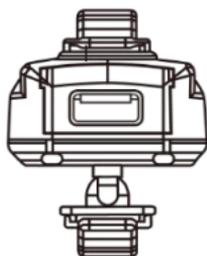
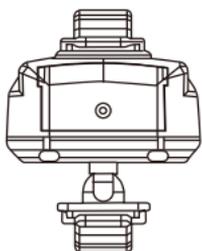
UP (Enlarge), DOWN (Minimize), LEFT (ON/OFF of the screen)

MIDDLE (Confirm and OK)

Host device structure

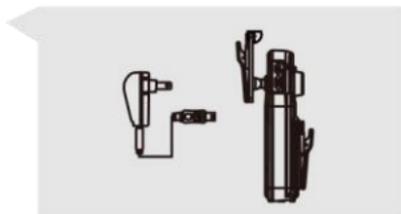
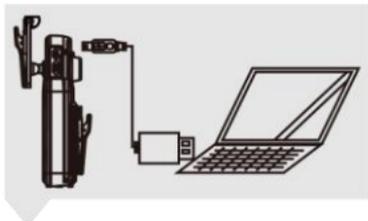


Extended device structure



Charging via Charger

Connect the USB cable, one end connects to USB port of the charger and the other end connect to USB port of camcorder, charging will start immediately.



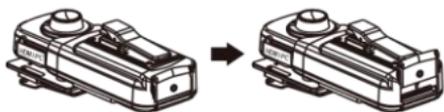
Charging via USB port of computer

Use USB cable to connect to USB port of computer to start charging

※ Notes : When charging (by charger or computer port), switch ON the power and confirm for charging, select "CHARGE" appeared on the screen. At the same time the screen will shut down, it will take 8 hours to complete the charging.

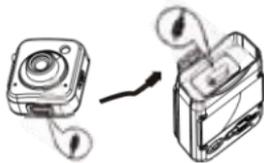
Install SDHC card

1. Turn open the screw and push the SDHC cap up to open, insert the memory card into the slot until the card is tightly fixed, pushes the SDHC cap downward and turn the screw close to complete the installation.
2. Press lightly on the memory card to take out the card, wait till the card spring out and remove the SD card.



Unique Split Design:

Provided with especially designed connection cable for host device and extended device, when connected it is very convenient to make recording in different position and different angle.



※Notes

- 1 To ensure normal usage of the device please make sure to use SDHC card only
- 2 Please format the SDHC card when you use it for the first time
- 3 Please make sure the locker key of SD card is locked before using.
- 4 Please make sure to insert the card in a right direction using opposite way to insert the card might damage the device and card.
- 5 After you inserted the SD card, camcorder will term the card as main storage you will not be able to access previously saved data. You will be able to access the previously saved data after you remove the SD card.
6. When using the SD card, please do not remove it during operation removing the card during this time will result in lost or damage of data

©Switch ON and Shut OFF

Switch ON: press power button or press quick recording switch, screen illuminating indicates switched ON.

Shut OFF: In any status after switching ON, press power button or press quick recording switch, screen becoming black indicates shut OFF.

©Setting Date and Time

Date and Time can appear on the screen during shooting, hence you need to set up the Date and Time, and the procedures are as follows;

1. Switch ON the power, in any mode select "MENU" button to enter setup mode, press "Up"

button and then "Right" options, press Date/Time, and then press the Date/Time settings, complete Date/Time



button to select setting "down" button to select "right" button to confirm press "OK" button to settings.



2. Under recording or photo mode, press "MENU" to enter the setting mode. Press "up"

button and then "right" button to select setting option "Time Seal" and then press "ON", Date/Time will be shown during recording then.

⚠ Notes:

The default factory password is 999888, Please enter password before making change to settings.

Operation Guide

Ⓢ Automatic switch off time setting

In order to conserve battery usage, the camcorder will enter screen protection mode after 20 seconds or you can set the time to shut off the device automatically, when the camcorder is not used for a certain amount of time the device will be shut off automatically. Under Power ON mode, select "MENU" button to enter the settings, press "up" button and then "right"

button to select setting options , press "down" button to select automatic shut off and then press "right" button to set the automatic shut off time.

Ⓢ Options Setting

1. Under any of Photo/Recording/Playback mode, press "MENU" to enter the related options setting.
2. Under any mode, press "down" button to select required working mode, press "OK" to confirm.

Ⓢ Recording mode

1. Switch ON the camcorder, select recording mode and

there will be a  sign on the top left corner of the screen to enter into "ready for recording" mode (as diagram indicated).

Or you could select quick recording switch to enter the recording mode.

2. Press "REC" button to start recording, and then press "REC" again to stop recording, Start/Stop recording will function in

this circulation. During recording,  sign on the top left corner of the screen will turn into blinking red  sign and timer will appears on the screen. When the time and recording stopped simultaneously, timer will disappear from the screen and blinking red  sign on top left corner of the screen will turn to recording "  " 



3. IR lamps Mode

Toggle the IR switch around the lens to left side will start the IR function, which will be disable when toggle to right side.

⚠ Notes IR light will be automatically shut off when the battery is low with only one grid

4. Circulated recording

Under recording mode, press button and change the option of circulated recording to “Yes” for uninterrupted circulated recording.

📷 Photo mode

1. Switch ON the power and wait till the starting procedure is completed, under recording mode

press “MODE” button to select Photo mode, immediately sign will appear on the top left corner of the screen, now you are under Photo mode.



2. Focus the camcorder to the object, press “down” button for digital zooming.
3. When you pressed “REC” button, camcorder will make a “kar jar” sound to complete taking the picture.
4. Self-timer function

Under Photo mode, press option button to select “Self-timer”, and then press “right” button to enter self-timer mode (10 seconds).

Specifications

✕Notes

- 1 Under any of Recording/Photo/Playback mode pressing **MODE** button can circularly change Recording, Photo and Playback mode
- 2 Under Recording or Photo mode press **left** button to shut off the screen and enter sleep mode

©Playback mode

1. Under standby mode or Photo mode, press "MODE" button to enter playback options, you can choose single playback mode or press "left" or "right" button to select picture or video data for viewing.
2. Press "down" button to enter index of playback mode, select "up", "down", "left" or "right" to navigate the picture or video data, press "OK" to enter single playback mode and navigate pictures or videos.
 - As indicated by the diagram, files with  sign shown in the middle indicate video files, press "OK" if you need to play or pause. During playback, press left or right button for backward or forward options respectively; to exit playback first press "OK" to pause and then press "left" or "right" button to enter single mode.
3. Screenshot function

When you want to take the picture during playback, press "OK" to pause and then press "REC" to take picture, the picture will be saved as jpg file; press "OK" to continue playback.
4. Delete in order to ensure the integrity of the files, there are management rights restriction on the delete function. Data can only be deleted after the password is entered, it's unable to reset the device back to default settings if the password is missing, and must be sent back for warranty repair.

Product Accessories

©Save under USB mode

connect USB to the computer and switch ON the power, press "Enter" button to select "MCS" that appeared on the screen of camcorder, now you will find from "My Computer" one removable disk(it is SD card); you can find the files under the path

"Removable disk/DCIM/100MEDIA". If you did not insert SDHC card, built-in memory can not be used as flash drive as it is hidden .You can use Windows interface to open SD file, make cutting, copy or delete the files.

©Connect HDMI output

1. Connect HDMI output to TV, you can view the picture or video files.

※Notes

- 1 Under any of Recording/Photo/Playback mode pressing MODE button can circularly change Recording, Photo and Playback mode
- 2 Under Recording or Photo mode press "left" button to shut off the screen and enter sleep mode

Specifications

Image Sensor	5 Mega pixels CMOS
IR Irradiation Distance	1.5-2m
Wide Angle Lens	90~120°
Password Setup	Yes
Zoom Distance	10cm - infinity
LCD Screen	2.0" LTPS TFT LCD
Video Output	HDMI : CTS1.1 Support 1080i/720p WVGA Composite video: NTSC/PAL
Picture resolution	2592 x 1944(JPEG), 3200 x 2400(JPEG) 4000x3000(JPEG) Maximum export resolution : 5M, 8M, 12M
Recording resolution	1920 x 1080(30fps) 1440 x 1080(30fps) 1280 x 720(30fps) 848 x 480(60fps)
Video Codec	MP4/Movie Format Resolution H.264
Zoom	4X Digital Zoom
Recording media	Internal : 32M External : SDHC/MMC Card (Up to 32G SDHC Card)
Audio	Built-in microphone / speakers
Battery	Built-in Lithium Ion Cell Battery 3.7 V4000 mAh
USB	USB 2.0
Size	140 x55 x 29 (mm)
Extended device weight	148(g)
Host device weight	60(g)

Product Accessories

- Clothing Clip
- User's Manual
- Wall Charger
- USB Cable Connection
- HDMI Cable Connection
- Windshield Mount
- Car Charger
- SDHC Card up to 32GB

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