USER MANUAL

About this Guide

The content in this document is for information purpose and is subject to change without prior notice. We have made every effort to ensure that this User Guide is accurate and complete.

However, no liability is assumed for any errors or omissions that may have occurred.

The manufacturer reserves the right to change the technical specification and accessories without prior notice.

Caution

Do not expose battery being placed in high temperature environment. If battery leaks or bulges, stop to use.

Risk of explosion if battery is placed by an incorrect type.

Dispose of used batteries according to the instructions.

Never replace the battery on your own. Doing so may cause the damage or explosion. Please have the dealer do it for you.

Do not put the LCD displayer or lens under the sunshine.

Note

A specific emission frequency may influence the image quality.

Please try a few times of video-taking test before you formally use this product in order to be familiar with this product.

Always full charge the battery before use.

Never dismantle, crush, or pierce the product, or allow the product to short-circuit. Please persuade for professional assistance if the product doesn't work properly.

Before you start using this product, it is assumed that you agree to the above statement.

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This camera is new generation video recorder of High Efficiency Video coding (HEVC, H.265) and low power consumption. If you record videos by using H.265 coding format, it is suggested to download Media Player Codec Pack (check below link) to assist to play back H.265 videos on windows Media Player.

https://www.mediaplayercodecpack.com/

1. **Introduction**

Thank you for purchasing this product. This camera is specially designed for video recording, audio recording and photo shooting. Please read the user manual before you start to use it.

2. **Box contents**

- Body Camera
- Charging Dock
- USB Cable
- Wall Socket Charger

- Epaulette Clip
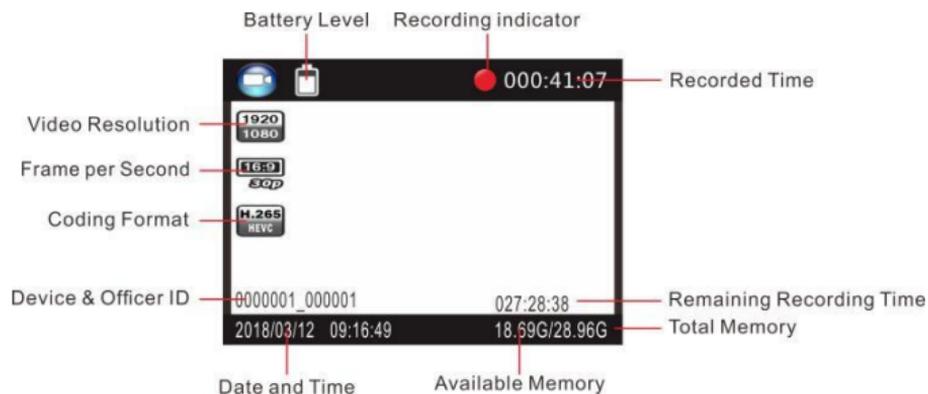- Rotatable Crocodile Clip
- User Manual

3. Product Overview

Item	Description
1. Status Indicator LED	**Still Green:** camera is in standby mode (Power on but not recording) **Still Red:** camera is on pre-recording mode **Flashing Red:** camera is recording video **Flashing Yellow:** camera is recording audio only
2. Charging Indicator LED	**Blue:** Charging Status **White:** Camera is fully charged
3. Pogo Pin	Connection port to charging dock
4. Lens	Capture high resolution images/videos
5. Infrared LED	Providing infrared light compensation in low light conditions, to help camera record good quality video with clear face view up to 10 meters
6. Flashlight	Hold Fn button to turn on/off flash light
7. Light Sensor	Detect changes of light and turn on/off IR for low-light recording automatically
8. USB Port	For power charging or data transmission
9. Snapshot Button	a) Press to take photo in standby mode b) Press to take a snapshot while camera is in video recording mode c) press to switch between video, photo and audio when playing back files.
10. Audio Recording / Mute	a) Press to record audio when camera is in standby mode b) Press to enable/disable video mute when camera is in video recording mode
11. LCD	View camera status and playback recorded files

Screen	
12. Playback & Scroll Up Button	a) In Menu or Playback mode, short press to scroll down next page or file b) In standby or video recording mode, hold to zoom out c) In standby mode, press to review files d) In playback mode, press to rewind video
13. OK Button	a) In menu set-up, short press to make a selection b) In playback mode, press to pause/resume video or audio playback
14. Menu & Scroll Down Button	a) In standby mode, short press to enter menu set-up b) In Menu or Playback mode, short press to scroll down next page or file c) In standby or video recording mode, hold to zoom in d) In playback mode, press to fast forward video
15. Video Recording Button	a) In power-on mode, short press to start/stop recording b) In power-off button, hold for 3 seconds to power on camera and execute video recording function.
16. Fn Button	a) Press to turn IR LED on/off when IR mode is manual b) Hold to turn on/off flashlight
17. Power Button	a) Hold 3 seconds to power on/off camera b) In power-on mode, short press to turn on/off LCD . c) Short press to exit to previous interface when navigating setting or playing back files

LCD Interface:

- Battery Level
- Recording indicator
- Recorded Time — 000:41:07
- Video Resolution — 1920/1080
- Frame per Second — 16:9 30p
- Coding Format — H.265 HEVC
- Device & Officer ID — 0000001_000001
- Remaining Recording Time — 027:28:38
- Total Memory — 18.59G/28.96G
- Date and Time — 2018/03/12 09:16:49
- Available Memory

4. Main Menu Optional Detail

To enter the setting menu:

1. Press Menu button **M** and then enter the password.
2. Enter the password by the following commands:
   - Press Scroll Up button **▶ll** to change the character to the previous letter or number.
   - Press Menu button **M** to change the character to the next letter or number.
   - Press OK button **OK** to confirm and move to the next character

   PS: The default password is 000000.

3. After selecting the last character, press OK button **OK** to enter the setting menu.

To navigate the settings menu:

➢ Press Menu button **M** to select next setting or option.
➢ Press Scroll Up button **▶ll** to select the previous setting or option.
➢ Press OK button **OK** to move to confirm your selection or enter the sub-menu.
➢ Press Power button **⏻** to return to the previous menu.

Following is a list of the available settings and options. The **bold** option are the default options.

Setting	Description	Options
Resolution	The video resolution	2560×1440 30P 2304×1296 30P 1920×1080 30P **1280×720 30P** 848×480 30P
Megapixels	The photo resolution	40M (8448×4752 16:9) 30M (7304×4104 16:9) 25M (6664×3752 16:9) 20M (5984×3366 16:9) 12M (4608×2592 16:9) **5M (3008×1688 16:9)**

Burst	The number of images captured in a row when you take a photo.	**Off**, 2, 3, 5, 7, 10, 15, 20, 30
Record Cam	When external camera is plugged in, choose which camera to record video.	**External**, both (ext. and main)
Self Timer	The time camera waits until taking a photo after you press Snapshot button.	**Off**, 5 sec, 10 sec, 20 sec, 30 sec, 1 min
Quality	The quality of the video.	**S. Fine**, Fine, Normal
Pre-record	When on, a certain time (depend on video resolution) will be combined into the recorded video before record button is pressed to start recording; When off, video start until the Record button is pressed to start recording.	**Off**, On
Post Record	The amount of the time the camera waits to stop recording video after you press the Record button.	**Off**, 5 sec, 1 minute, 10 minutes, 20 minutes, 35 minutes
CarDV Mode	When on, camera will power up automatically and start video recording when it is charged. Camera will power off as it normally does when it is disconnected from the power source.	**Off**, On
Auto-Record	When on, camera will start video recording once it powers on. When off, camera enters standby mode, not record video when powers on.	**Off**, On
Loop Recording	When on, camera will overwrite the oldest video file with the most current video file once its memory is full.	**Off**, On

Split Time	While recording video, the camera will automatically split its recording into files of this length.	1 min, 3min, 5 min, 10 min, **15 min**, 30 min, 45min
Slides Show	When on, viewing photo file will start a slideshow where each photo will be shown for around 5 seconds.	**Off**, On
Infrared	When set to manual, you will need to hold Snapshot button to turn IR LEDs on/off. When set to Auto, these lights will activate automatically based on the light sensor's reading.	**Manual**, Auto
Motion Detect	When on, camera will start recording when front movement is detected by the lens.	Off, On
Record Warning	When on, you will hear a voice confirmation; When off, voice confirmation is disabled.	Off, **On**
Global Positioning	When GPS is on, position of coordinates will show on the video footages. Then you put the coordinates into Google earth, that giving you the exact positioning of the footage recorded.	**Off**, On
Time Zone	Adopt local time in real time zone	-12 to +12 **Default 0**
Language	The language of the text in camera interface	**Englsih**, 繁體中文, Русский, JezykPolski, French, Portuguese
Screen Saver	The amount of the time the camera can be idle before deactivating the display to conserve power.	Off, 30 sec, **1 min**, 3 min, 5 min
LCD Brightness	Screen lighting to view	**High**, Low

Auto Power off	The amount of the time the camera can be idle before powering off.	**Off**, 30 sec, 1 min, 3 min, 5 min
LED Light	When on, indicator LED will tell the status of the camera; When off, camera is entering covert mode	**On**, Off
White LED	The switch of flashlight	**On**, Off
Key Tone	When on, camera will play a tone each time you press a button. When off, tone is disabled.	**On**, Off
Volume	The volume of camera speaker. This affects the loudness of video playback, audio playback, the key tone, record warning, and any other sounds played by camera. This doesn't affect the volume of the recorded video or audio files themselves.	0-12 **Default 12**
Coding format	The coding format of video files	**H.264**, H.265
Time Setup	Adjust time to real location	yyyy/mm/ddhh/mm
ID setting	User can set Device SN and Person SN	Alphanumeric characters
Password	If password is on, user needs to enter password to get access to setting and connection to PC	On, Off
Change Password	Password can be set or changed	Alphanumeric characters
Default setting	Use this to return camera to its original settings. This does not erase the memory	O (Yes), X (No)
FW Name	H22_yyyymmdd_V	

Operation

5.1 Power on/off

hold Power button 🔘 for 3 seconds to start up and enter standby mode; at any mode with holding Power button 🔘 for 3 seconds, camera will shut down.

PS: at standby / video recording / audio recording mode, short press power button 🔘, screen saver can be on/off.

5.2 Audio recording

In standby mode, press audio Recording Button 🎙 for audio recording. Camera will beep, and vibrate once and LED indicator on the top turns yellow and flashes. Press again audio Recording Button 🎙 to stop audio recording (camera vibrates twice) and save the file.

In audio recording mode, short press OK button **OK** to remark the file as an important file, the yellow star icon will appear at the right side on screen.

5.3 Photo shooting

At standby mode, press photo button 📷 to take photos.

5.4 Video recording

In standby mode, press video Recording Button 🎥 to start video recording. Camera will beep, and vibrate once and LED indicator on the top turns red and flashes. Press again video Recording Button 🎥 to stop video recording (camera vibrates twice) and save the file.

In video recording mode, short press OK button **OK** to remark the file as an important file, the yellow star icon will appear at the right side on screen.

5.5 One-button video recording

At power-off mode, hold video Recording Button **▣** for three seconds for powering on the camera and start video recording immediately.

5.6 PIV (picture in video)

In video recording mode, press photo button **▣** to capture photo.

5.7 Zoom

In standby or video recording mode, hold Scroll Up button **▣** and scroll down button **M** to zoom in and out the image.

5.8 IR night vision

Under dark circumstances, infrared LED will help to record clear image or video.

In standby mode, PRESS Menu button **M** to navigate. Find option 【Infrared】, PRESS OK button **OK** to enter sub-menu: Manual & Auto, press OK button **OK** to select.

1) Auto infrared mode:

In low light situations (1 Lux), 2 IR LEDs will be turned on automatically, camera switches on infrared filter lens, video image turn black and white. Otherwise, when circumstance

brightness grew up, IR LED turns off, and image becomes colorful again.

2)Manual infrared mode:
When night vision is needed, PRESS Fn button**Fn** to switch to Infrared mode, IR LEDs will be turned on, black and white image. PRESS this button again to turn off IR LEDs, image becomes colorful.

5.9 White LED
In standby or video recording mode, hold Fn button**Fn** to turn on/off white LED.

5.10 Playback
In standby mode, press button**▶❙❙** to enter playback mode. There are Video, Photo, and Audio options. Press to button **▣** to select, and press OK button**OK** to confirm the selection.

1) In video file playback mode, PRESS OK button**OK** to pause/resume playback; PRESS scroll-Up button**▶❙❙** to rewind, PRESS Scroll-down button**M** to fast forward, then PRESS OK button**OK** to play normally. You can fast forward or rewind 2x, 4x, 8x, 16x, 32x, 64x.
2) In photo file playback mode, hold **▶❙❙** and **M** button to zoom in and out the image. Adjustable is X1.0~X10.0. In the zoom in and out image, short press **▶❙❙** and **M** button to move the image to right or left side.

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5.11 Reset
In any case the camera is frozen, use a pin to reset and restart the camera. Reset button is inside USB port.

5.12 Device ID/ User ID
In standby mode, PRESS Menu button $\boxed{M}$ to enter settings. Find [ID setting], PRESS OK button $\boxed{OK}$ to select, then the Device & Person SN interface will show up, 5 characters for device ID and 6 characters for person ID.
PRESS scroll-Up button $\boxed{\gg}$ or Scroll-down button $\boxed{M}$ to choose a character, then PRESS OK $\boxed{OK}$ button to select.

5.13 Time Setting
In standby mode, PRESS Menu button $\boxed{M}$ to enter settings. Find Time bar, for example, 2008/02/02 07:40. PRESS OK button $\boxed{OK}$ and enter the password, then users can change the date and time.
Press scroll-Up button $\boxed{\gg}$ or Scroll-down button $\boxed{M}$ to choose a character, then PRESS OK button $\boxed{OK}$ to select.

5.14 USB Driver video/picture/audio files can only be deleted on your PC/laptop.
After being connected to PC, password interface shows up, please enter the password(default password is 000000)Press the (ok) button 6 times, the camera will be recognized by the computer as Extra drive. User can go to camera folder and delete those files not needed.

5.15 Charging

When camera batter is low, the battery icon will flash in the display, and you will hear a alert tone. When this happens, charge the camera.

While camera is charging, indicator lights blue and will turn white after camera is fully charged. It will take approximately 4 hours to fully charge the camera.

Charging methods:

1). Use a USB cable to connect camera's USB port to an USB port on your computer (powered on) or the included USB power adapter (connect to a power outlet)

2). Attach camera to the docking bay. Use a USB cable to connect the docking bay to an USB port on your computer (powered on) or the included USB power adapter (connect to a power outlet).

5.16 H.264 and H.265 video coding

Please make sure you are using the correct video coding to suit your computer. H.264 is compatible with older windows operating systems and older MAC OS. H.265 is only compatible with windows 10 and newer MAC OS. H.265 requires your computer to have more advanced hardware to work with the video coding. If you would like more information, please contact manufacturer.