

User Instruction

4K Dash Camera

TE-DVR-DL4K



FULL HD
1080P
RESOLUTION



Caution

- ◆ Ensure you are using your Car DVR within your countries' road laws. Please make sure you are familiar with your local road legislation before use.
- ◆ Avoid leaving your Car DVR in direct sunlight for extended periods of time in an unventilated space.
- ◆ Please set time and date before you use this device to record.
- ◆ The notification given by the Car DVR are suggestions only, please drive to actual conditions.
- ◆ The system is to be used only for non-commercial use, within the limits permitted by the relevant laws.
- ◆ Avoid using the Car DVR in the vicinity of any devices that emit radio interference (eg.Microwave Ovens).
- ◆ It is considered normal operation for the Car DVR to get warm during use.

Battery Warning

- ◆ Always charge the car DVR using the provided charger. Importing charging of the Car DVR may result in failure of the internal battery.
- ◆ Never dismantle the Car DVR or expose the internal battery.
- ◆ Do not dispose of the Car DVR in fire.
- ◆ Dispose the Car DVR observing local regulations being mindful of the internal battery.
- ◆ Do not attempt to replace or expose the internal battery.

Note on installation

- 1.It is advised that the Car DVR is installed near the rear view mirror, at the top centre of the windshield for optimal operation.
- 2.Make sure that the lens is within the range of the windscreen wiper to ensure a clear view when it rains.
- 3.Do not touch the lens with your fingers, fingers prints left on the lens will result in unclear videos or photos. If photos or videos are blurred, please clean the lens gently with a microfibre cloth.
- 4.Only use the included charging cable to power the Car DVR.

1. Introduction

Thank you for purchasing our Car DVR. We are certain that our product will give you trouble free operation while providing you with a safety feature that enhances your driving experience. Our products, like most after-market safety enhanced devices, are designing to assist and aid the driver, not to replace the manual function of the person operating the vehicle. Please read through these instructions before attempting to install this product. For the latest manual and product updates, please contact the dealer.

1.1 Features

- ◆ High definition recording 4K+ FHD P25/ QHD+FHD P30/ FHD P30+FHD P30:
- ◆ 3" IPS screen;
- ◆ 140 ° wide angle lens;
- ◆ Emergency recording saved your footage when an impact is detected;
- ◆ Supports Micro SD cards, Class 10 and above up to 32GB;
- ◆ Cloud WiFi App for watching.

1.2 Package Contents

Dash camera



Suction mount / 3M mount



Car Charger



USB Cable



1.3 Product Overview

- | | | | | |
|-----------|------------------|-------------|-------|-----------|
| 1: LCD | 2: Menu | 3: UP | 4: OK | 5: Down |
| 6: Mode | 7: Lens | 8: USB | 9: AV | 10: Reset |
| 11: Power | 12: TF Card Slot | 13: Speaker | | |

2. Getting Started

2.1 Inserting Memory Card

With the Car DVR turned off and the screen facing towards you insert the memory card into the slot on the right of the camera with the text on the Micro SD card facing away from you. Push the memory card in until a “click” is heard.

Note:

- 1).Do not remove or insert the memory card while the Car DVR is turned on as this may damage the memory card or corrupt the memory cards stored data.
- 2).Please use a C10 or higher rated micro SD card with a maximum capacity of 32GB.
- 3).Please format the Micro SD card before the initial use.
- 4).When removing the memory card, be careful as the card may eject quickly.
To remove the memory card, ensure that the Car DVR is powered off, then push the memory card until a click is heard and then release the card to eject.

2.2 Installing the Car DVR

2.2.1 .Remove the protective stickers from the Car DVR and protective paper from suction mount.

2.2.2 Find a right position on the windscreen and fix it.

2.2.3 Adjust the device position

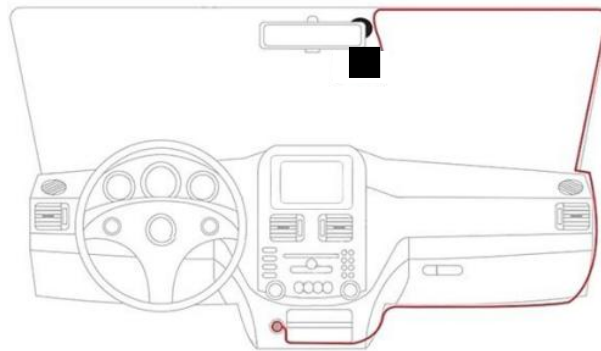
- 1).Adjust the horizontal view angle by turn the camera left & right.
- 2).Adjust the vertical view angle by move up and down on the mount or sticker.

2.3 Connecting to Power

Only use the included charger to power and charge the Car DVR.

1).Once the Car DVR is securely installed on your vehicle's windscreen, plug the charger into your vehicle's cigarette lighter

2) .Run the cable along your vehicle's console and windscreen and plug the USB Micro plug into the Car DVR.



Note:


- 1.It's recommended that the car DVR is installed behind your vehicle's rear view monitor.
- 2.Make sure that the camera view is not obstructed by an window tint or any other objects.

2.4 Auto Power On/Off


The power cable takes power from the ACC, and the camera will automatically turn on and record for about 10 seconds after the car is started; When the car is turned off, the device will automatically save the current recording and then shut down.

2.5 Manual Power On/Off



Press the  once, the screen will lights up and power on;

Long press the  for about 3 seconds and release the button to shut down.


3. Operating Modes

The camera has three operating modes: Video mode, Photo mode and Playback mode. When the camera is in standby mode, Long press  to switch between three modes.






3.1 Video mode

- ◆ The device will automatically start recording after the car is started, and the red recording icon  will flash in the upper left corner of the screen during recording.
- ◆ During the recording process, press **[OK]** once to stop recording, and the camera will be in the standby mode; press the **[OK]** again can resume recording
- ◆ During recording, press the  once, the display of the front and back cameras can be switched.





3.2 Photo mode

- ◆ When in standby, Long press  to switch to Photo Mode.
- ◆ Take a photo: Point the camera at the subject, press the **[OK]**, a photo will be taken.
- ◆ Users can enter the Photo Mode menu to select different photo parameters with their demand, take photos or perform other operations.

3.3 Playback mode

- ◆ When in standby, Long press  to switch to Playback Mode.
- ◆ In playback mode, short press  ,  to select a file, press **[OK]** to play the selected file, and then press **[OK]** to pause playback.
- ◆ In playback mode, when the playback is stopped, press  to enter the playback mode menu. In this menu, you can delete and protect the files, and you can also choose a slide show; and then press **[OK]** to stop playback.
- ◆ In the playback mode, press the  to switch to the video mode when the playback is stopped; in the playback mode, short press to stop the playback.

4. Mode Menu Settings and System Settings

In the video mode and standby mode, short press  once to enter the the homepage of setting menu, and short press  twice to enter the system setting screen. Short press  ,  to select the options which needs to be set.

Note: Mode menu settings and system settings should be done in the standby state of the device.

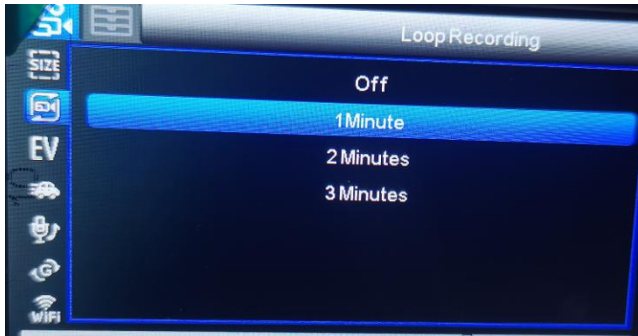
4.1 Recording Mode

4.1.1 Resolution (4K+ FHD P25/ QHD+FHD P30/ FHD P30+FHD P30)



- ◆ In the main menu of the Recording Mode, press to adjust to the “Resolution”, when its background color turns blue, press the **[OK]**.
- ◆ Short press , to choose the resolution, and press **[OK]** to confirm.
- ◆ Short press the **M** to return to homepage of the VIDEO mode.

4.1.2 Loop Recording (Off/ 1 Minute/ 2 Minutes/ 3 Minutes)



- ◆ In the main menu of the Recording Mode, press to adjust to the “Loop Recording”, when its background color turns blue, press the **[OK]**.
- ◆ press , to choose the recording time, and press **[OK]** to confirm.

Note:

If the time is set to 3 minutes, then when the video is looped, the duration of each video will be 3 minutes.

4.1.3 Exposure Comp

(-1/3, -2/3, -1.0, -4/3, -5/3, -2.0, +0.0 +1/3, +2/3, +1.0, +4/3, + 5/3,+2.0)



- ◆ In the main menu of the Recording Mode, press to adjust to the “Exposure Comp” , when its background color turns blue, press **[OK]**.
- ◆ After entering the EV value, you can set the EV value between -2 and +2, and press the **[OK]** to confirm.

Note:

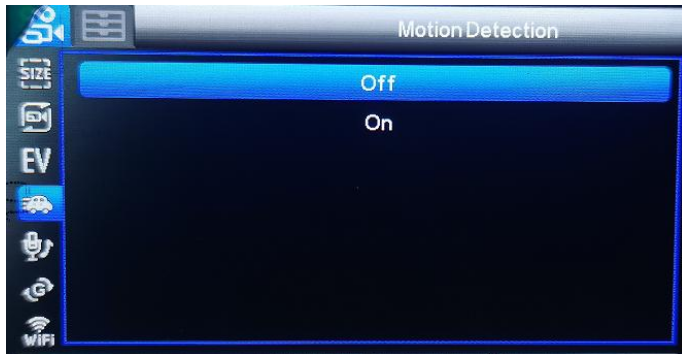
When the light is dark, the EV value (exposure compensation) should be increased to increase the amount of light, and when the light is strong, the value should be decreased to reduce the amount of light.

4.1.4 Motion Detection (Off/ On)

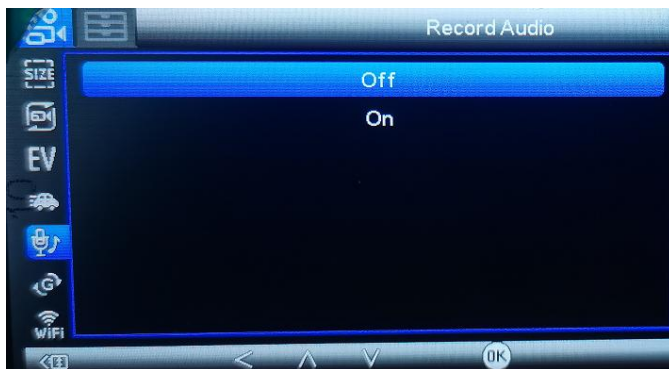
- ◆ In the main menu of the Recording Mode, press to switch to the “Motion Detection”, when its background color turns blue, press the **[OK]**.
- ◆ press , to adjust to the option that needs to be set, and press **[OK]** to confirm.

Note:

When this function is turned on, the camera will automatically start and stop recording according to the movement of the object during recording.



4.1.5 Record Audio (Off/ On)



- ◆ In the main menu of the Recording Mode, press to switch to the “Record Audio”, when its background color turns blue, press the **[OK]** confirmation key.
- ◆ press , to adjust to the option that needs to be set, and press **[OK]** to confirm.

4.1.5 G-sensor (Off/ Low/ Medium/ High)



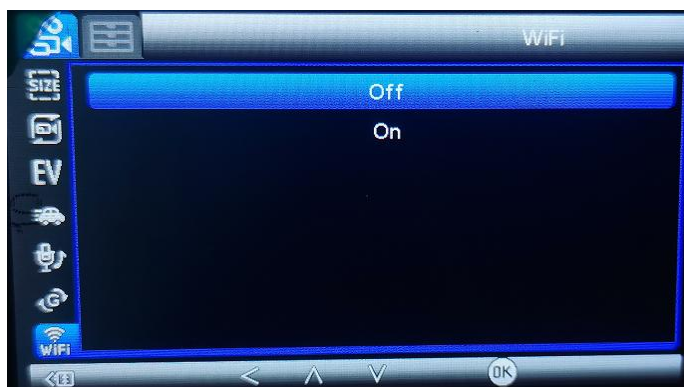
- ◆ In the main menu of the Recording Mode, press to adjust to the sensitivity option, when its background color turns blue, press **[OK]** to confirm.
- ◆ Press and to adjust to the option which needs to be set, and press **[OK]** to

confirm.

Note:

This function adjusts the sensitivity of the machine to automatically lock the image during video recording. Automatically locking the image when the high sensitivity is set may cause the memory card to be full and not loop recording.

4.1.6 WiFi (Off/ On)



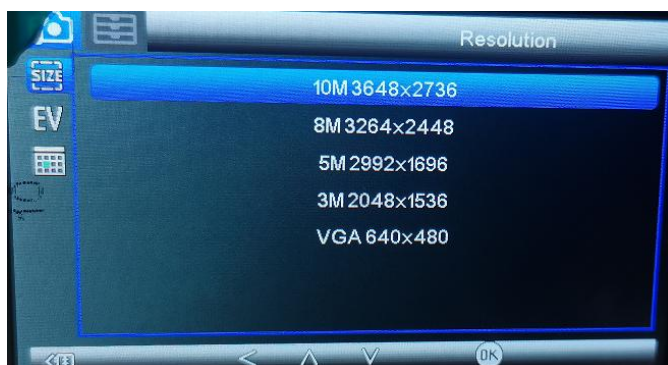
◆ In the main menu of the Recording Mode, press to adjust to the “WiFi” option, when its background color turns blue, press **[OK]** to confirm.

◆ Press and to adjust to the option which needs to be set, and press **[OK]** to confirm.

4.2 Photo Mode

4.2.1 Resolution

(10M 3648x2736/ 8M 3264x2448/ 5M 2992x1696/ 3M 2048x1536/ VGA 640x480)



◆ In the main menu of the photo mode, press to adjust to the “Resolution” option, when its background color turns blue, press the **[OK]**.

◆ Press and to adjust to the option that needs to be set, and press **[OK]** to confirm.

4.2.2 Exposure Comp

(-1/3, -2/3, -1.0, -4/3, -5/3, -2.0, +0.0 +1/3, +2/3, +1.0, +4/3, + 5/3,+2.0)

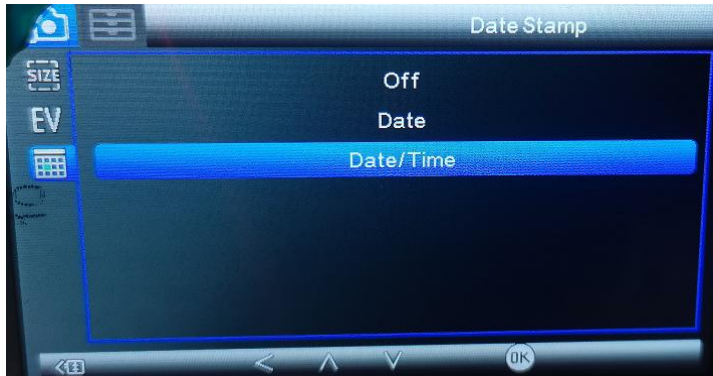


- ◆ In the main menu of the Photo Mode, press to adjust to the “Exposure Comp”, when its background color turns blue, press **[OK]**.
- ◆ After entering the EV value, you can set the EV value between -2 and +2, and press the **[OK]** to confirm.

Note:

When the light is dark, the EV value (exposure compensation) should be increased to increase the amount of light, and when the light is strong, the value should be decreased to reduce the amount of light.

4.2.3 Date Stamp (Off; Date; Date/time)



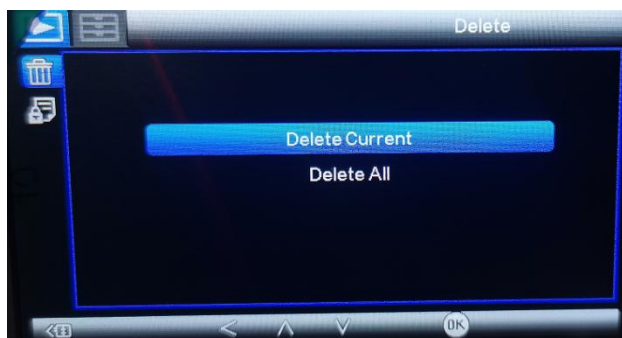
- ◆ In the main menu of the Photo Mode, press to switch the “Date Stamp” option. When its background color of the date label turns blue, press **[OK]** to confirm.
- ◆ Press and keys to adjust to the option that needs to be set, and press **[OK]** to confirm.

Note:

When the tag of the selected date is closed, the watermark of the photo will not be displayed.

4.3 Playback Mode

4.3.1 Delete (Delete Current/ Delete All)



- ◆ In the Playback Mode, press **M** to enter the main menu.
- ◆ In the Playback Mode menu, press to the “Delete” option, when its background color of turns blue, press **[OK]**.

◆ Press to choose delete current or all, and press **[Cancel]** / **[OK]** to confirm.

Note: If you want to delete an video, you must unlock it. Because locked files cannot be deleted.

4.3.2 Protect (Lock Current / Unlock Current / Lock All / Unlock All)

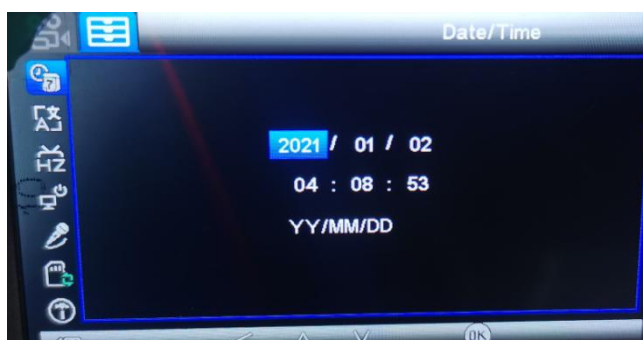


- ◆ In the Playback Mode, press **M** to enter the playback mode menu.
- ◆ In the playback mode menu, press to switch the protect, when its background color of turns blue, press **[OK]** to confirm.
- ◆ Press to select choose one, and press **[OK]** to confirm.

4.4 System Setting

In the standby mode, press the **M** twice to enter the menu of System Setting.

4.4.1 Date/ Time (2021/11/18 10:30:21 YY/MM/DD)



Setting the Time and Date allows you to stamp your footage with the time as a reference.

- ◆ In the System Setting Menu, press to enter slide show, when its background color turns blue, press **[OK]** to confirm.
- ◆ Press , to adjust the Year, then short press **M** to confirm, and press **[OK]** to confirm after the adjustment is complete.
- ◆ After entering the date/time setting, press **M** to adjust the Year/ Month/ Day/ Hour/ Minute/ Second in turn.
- ◆ After adjustment, return to the system setting screen, press **[OK]** to return to the system setting page, and then press **M** to return to the video recording mode homepage.

4.4.2 Language

(English/ Français / Español / Português / Deutsch / Italiano / 简体中文/ 繁體中文/ русский / 日本語)



- ◆ In the System Setting Menu, press to switch to the “Language” option, when the background color of the language setting changes to blue, press **[OK]**.
- ◆ After entering the language setting, press to set simplified English or other languages, and press **[OK]** to confirm.

4.4.3 Frequency (50Hz/ 60Hz)

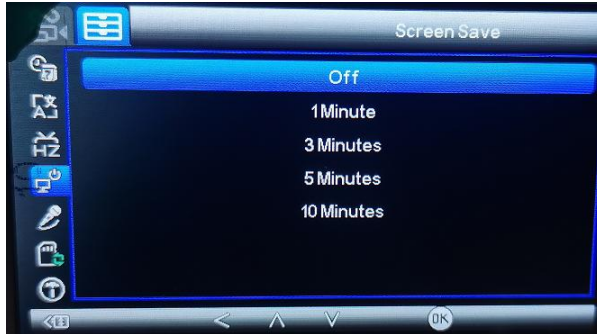


- ◆ In the System Setting Menu, press to adjust to the “Frequency” option, when the background color of the Frequency turns blue, press **[OK]** to confirm.
- ◆ After entering the light source frequency, you can choose 50Hz/ 60Hz, and press the **[OK]** to confirm.

Note:

This function is set to eliminate the flickering or ripple problem of the light in the video screen.

4.4.4 Screen Save (Off/ 1 Minute/ 3 Minutes/ 5 Minutes/ 10 Minutes)



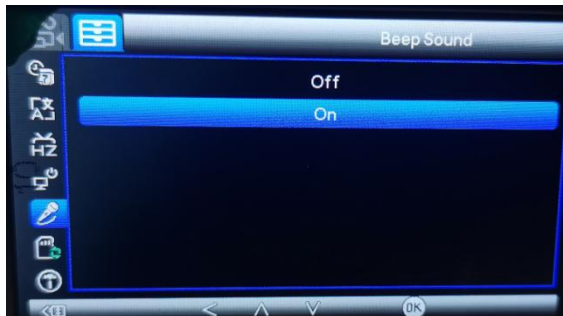
◆ In the System Setting Menu, press to select the setting options of the screen save, when its background color turns blue, press the **[OK]**.

◆ After entering the screen saver, you can choose one, and press **[OK]** to confirm.

Note:

When set to "Off", the screen of the machine will remain on during the video recording; When set to "1" minute, the screen will automatically turn off after 1 minute, but the camera is still recording.

4.4.5 Beep Sound (Off/ On)



◆ In the System Setting Menu, press to switch to the "Motion Detection", when its background color turns blue, press the **[OK]**.

◆ Press , to adjust to the option that needs to be set, and press **[OK]** to confirm.

4.4.6 Format (Cancel/OK)



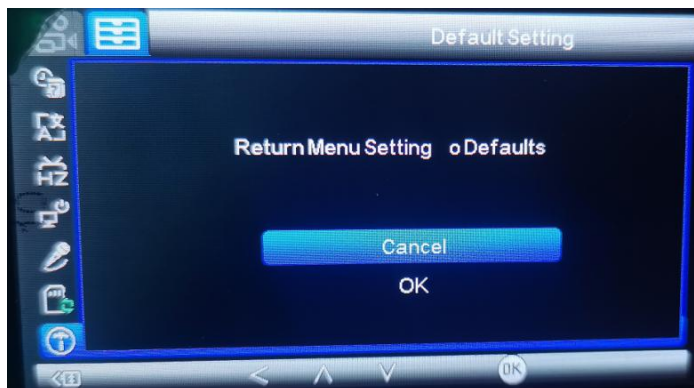
- ◆ In the System Setting Menu, press to switch to the “Format” option, when the format background color turns blue, press **[OK]** to confirm.

- ◆ Display the memory card options, press **[OK]** to confirm, and then press to select cancel or confirm.

- ◆ After selecting and confirming, press **[OK]** to confirm, and the memory card will be formatted.

Note: This function will delete all images and photos of the memory card, please operate with caution.

4.4.7 Default Setting (cancel/OK)



- ◆ In the System Setting Menu, press to adjust to the Default setting option, when the background color of the factory setting changes to blue, press **[OK]** to confirm.

- ◆ Choose cancel or confirm, press **[OK]** to confirm, and the machine will restore the factory default settings when confirming.

4.4.8 Version (Software NO.)

- ◆ In the system setting menu, press to adjust to the version information. When its background color turns to blue, press the **[OK]** to see the software version NO.

5. Playing Back Video On a PC

- ◆ This camera supports USB Reading. When you want to see the videos recorded by the camera, you can connect the camera and the computer through the USB cable directly.

- ◆ Or take out the SD card and use a reader to see its videos. It is recommended that you transfer video files that you want to playback to a file on your computer before attempting to playback. This will reduce any delay in playback.

6. Connecting camera to PC

◆ After the SD card is inserted into the camera, connect it to the computer with a USB cable. At this time, two options will appear on the camera's screen:

① Storage: A removable disk will appear on the computer, and the device will enter U disk mode. In this mode, the recorded files can be copied or cut to the computer for playback.

② Camera: The camera can be used as a PC CAM.

Note:

Connect to the computer via a USB cable. The output voltage of the USB interface of some computers is insufficient, which will cause the camera's screen to flicker.

Some computer systems do not support this function, such as Windows 7 64-bit, or Windows 8 and above.

7. FAQ

Under normal operating conditions, if the product appear problem, please refer to the following solution:

7.1. No videos

Check whether TF card has enough space or locked.

7.2. When recording, it stop automatically

Due to the huge video data, please use the SDHC compatible high speed TF card and the identification of high speed TF card with C10.

7.3.The image was foggy

Please check the lens if with dirt and finger marks; before shooting, clean the lens paper.

7.4.When shooting the sky, water and other scenes, the image is very dark.

The automatic exposure function of the camera will be affected in large contrast scenes, which can be corrected by adjusting the "EV" value in the setting Menu.

7.5.Horizontal stripe interference in image

This is caused by setting the wrong light frequency. Please set it to "50Hz" or "60Hz" according to the local power supply frequency.

7.6.The Car DVR crashed

When the Car DVR crashed, please press the reset key to resume restart.

8. Specification

IPS screen	3inch
Resolution	4K+ FHD P25/ QHD+FHD P30/ FHD P30+FHD P30
Video Format	MP4
Video zip Format	H.264
TF card	Class10, 8GB-32GB(max)
Frequency	50Hz/60Hz
USB	USB2.0 High-speed.
Power cable	5V/1A
Battery	Polymer
Video voice	One-click close
Built-in recording	Hi-Fi Speaker
Working system	Windows XP/7/Vista or Other
Storage	Temp: -10℃~80℃ Humidity: 10%~80%
Working	Temp: -10℃~70℃ Humidity: 10%~80%

Note:

Specification parameters may be changed due to upgrade, update and other reasons, specific please in kind prevail.

FCC Caution:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment 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 equipment 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 equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment 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 separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum distance between 20cm the radiator your body: Use only the supplied antenna.

FCC ID: 2AHL8-TE-DVR-DL4K