Binatone



QUICK USER GUIDE

Dashboard Camera Model: UHD280

The features described in this user's guide are subject to modifications without prior notice.

Thank you for purchasing the Dashboard Camera. Please keep your original dated sales receipt for your records. For warranty service of your Binatone product, you will need to provide a copy of your dated sales receipt to confirm warranty status. Registration is not required for warranty coverage.

Please make sure that you read all of the information contained within this user guide before operating this unit.
If you have any problems, please read through the user guide before contacting the customer service helpline.
Contact the helpline: 084 4 557 9677 (UK only)*
Mon - Fri 8:00am to 8:00pm
Sat 8:30am to 2:00pm

Note: Calls cost 7p per minute plus your telephone company's access charge.

The information provided in the guide may change when the manufacturer updates its service policy. This user guide is intended for Binatone UHD280 model only, and it may contain technical errors, editorial errors, or missing information.

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2. Important

Before using the dash cam, please insert a Micro SD card into the device in correct direction and ensure it is fixed in the card slot.
If you are adding a new SD card to the device, we recommend you format it before use.
Micro SD card requirements: 8GB or above, Class 10 or above.
During recording, please do not pull out the SD card directly, otherwise the current video may not be saved,
 The device will power off automatically when pull in and pull out the Micro SD card.

In the box you will find:

- Dashboard Camera x1
- Rear Camera x1
- Mount x1
- Car Adapter x1
- Quick User Guide x1

Keep the packaging materials in a safe place in case you later need to transport the unit.

3. Safety Instruction

3.1 Using Your Dash Camera in the Car

1) Install the product in places where the driver's view is not obstructed. Obstruction of the driver's vision may cause accidents and result in injury or death.
2) Do not install the device within the driver's or passenger airbag operation range. Please refer to your car's service manual for details about the operation range of your car's airbags.
3) Do not operate the product while driving a vehicle. Distraction while driving may cause accidents and result in injury or death.
4) Audio recording is ON by default. Please check your local laws regarding privacy to keep it on or off.

3.2 Battery

Your dash camera device uses a Li-polymer battery.
1) Do not use it in humid, wet or corrosive environments.
2) Do not operate or store your dash camera in high temperatures (>60°) or in direct sun light.
3) Do not pierce or break the battery casing. Failure to follow these cautions will invalidate the warranty and may cause the battery to leak acid, become hot, explode or ignite and cause injury or damage. If you

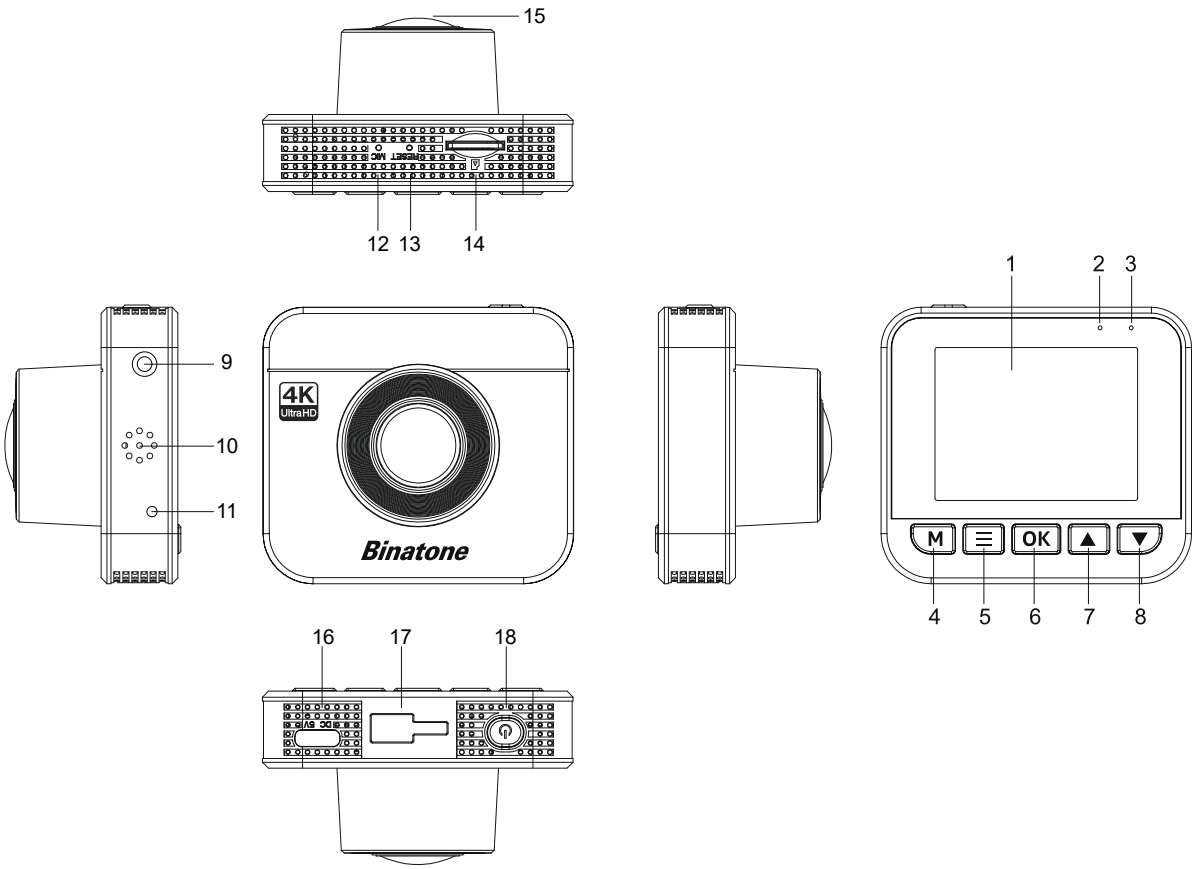
come into contact with leaked battery acid wash the contact area thoroughly and seek medical attention. The Li-polymer battery contained in this unit must be recycled or disposed of properly.
4) Do not dispose of in household waste or burn.

 When using the dash camera device in your car, we recommend that you always use the cigarette charger in order to maintain the battery level.
The unit is not designed to be run on battery power alone, the battery is there for backup purposes only.

3.3 Warning:

1) In some jurisdictions, the use of dash cams can be considered as an invasion of privacy. Furthermore, the mounting of the dash cam on the windshield might be regulated by law in some jurisdictions.
It is the user's responsibility to check the applicable laws before using the dash cam. We do not take any responsibility for wrong or unlawful use of the dash cam.
2) Binatone is not responsible for any loss caused by an accident, nor is it responsible for providing any support regarding the outcome of an accident.

4. Overview of your Dashcam



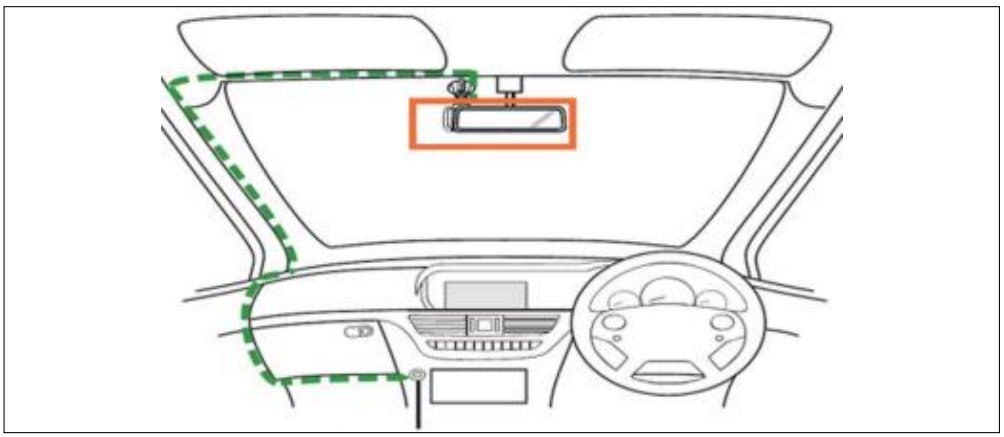
1. **Colour Screen**
2. **Status Light:**
   Blue: Power on.
   Blue flicker: Video recording.
3. **Charge Indicator:**
   Red: Charging.
   Yellow: Fully charged.
4. **Mode Button**
   Video / playback mode switcher when standby.
   Toggle the position of the Picture in Picture when short press in recording.
5. **Menu / Back Button**

Setting switcher.
Back button.
Lock / unlock current video when short press in recording.

6. **OK Button:**
   Start/Stop recording.
   Confirm the setting.
7. **Up Button:**
   Rewind during playback.
   Take photo when short press in recording.
8. **Down Button:**
   Forward during playback.
   Mute/unmute when short press in video mode.
9. **Rear Camera Connection Point**
10. **Speaker**
11. **Rear Camera Fix Point**
12. **Microphone:** Used for voice recording.
13. **Reset Button:** Insert the tip of a sharp object to reset the product when an error occurs.
14. **Memory Sard Slot:** Insert a memory card to save recordings.
15. **Front Camera Lens**
16. **Type-C Power Connector:** Used to connect the power cable.
17. **Fixing Bracket Connector:** Used to connect the fixing bracket.
18. **Power Switch**

5. Getting Started

5.1 Installing your Device



The above illustration refers to a right-hand drive car. For left -hand drive cars, please flip the position of the cable installation accordingly.

1) Install your device within the rear-view mirror area and within the wiper cleaning area to get the clearest possible view.
2) Your device comes with a 3.6m power cable. Organise the power cord so that it does not interfere with the driver's vision. Use cable clips to secure the power cord if necessary.
3) Place the device on the windshield mount first. Press the suction cup of the mount to the windshield and press the lever to lock. Ensure the mount is safely attached to the windshield.

5.2 First Use

1) Insert a SD card (not provided) in the SD card slot. Your dashboard camera accepts 8GB SD cards or above, up to 128GB capacity (Must use Class 10 or above). It is recommended that you format the SD card before use. Please refer to the Main Settings described in this manual to format SD card.
2) Your dash camera will power on and start to record automatically as soon as it is connected to power source that comes on when you start the engine of your vehicle.
3) You can also power it on manually by pressing the Power On/Off button.
4) The charge indicator will turn ON when the power is plugged in. Whenever the device is turned ON or OFF, you will see a splash screen showing the Binatone logo.

6. Using your Dashboard Camera

6.1 Recording and Saving

The purpose of your dashboard camera is to continuously record the road ahead, and to automatically record and save any incidents or accidents you might be involved in.

SD card storage space has been set to: around 60% for Normal Rec, around 30% for Event Rec, 10% for Photo and cache files. Once the Continuous Rec and Locked Rec file is full, it will automatically overwrite the oldest footage.

6.2 Switching Modes

You can switch between video and playback mode by pressing the mode button. video mode is the default mode. To view or delete saved footages and photographs, switch to playback mode.

7. Settings

7.1 Main Settings

To access main settings, press the menu/back button while in standby video mode twice. (Please press OK to stop recording first when recording). For each sub-menu, press up or down to navigate, OK to confirm, and menu/back to go back or cancel.

1) Date / Time

Set year, month, date, time and date format manually.

2) Device Sounds

If you select **“ON (default)**“, device will make beep sound when you press the buttons.
If you select “OFF”, device will be silent.

3) Language

Set the language as needed. **English as default**

4) Frequency

The default setting is **50 HZ**, you can set it to 60 Hz.

5) LCD Auto-off

You can set the time that the LCD will turn off automatically after inactivity. Press any button to reactivate the screen. The LCD is always on when

you choose OFF, turn off after **30 Seconds (default)** and 1 Minute.
Hot key: Short press power button in power-on state.

6) Rear Camera Switch (when Rear Cam is attached)
You will be able to see the view of rear camera on your Dash Cam's display. You can choose normal and **mirror (default)** view.

7) Format Memory
Use this option to format your SD Card.

 Formatting the SD card will delete all its storage contents.

8) Default Settings
Reset all your device settings to factory default.

9) Version
Current firmware version.

7.2 Video Settings

Press the menu/back button while in standby video mode. For each sub-menu, press up or down to navigate, OK to confirm, and menu/back to go back or cancel.

1) Video Resolution
You can set the video resolution to: **4K + 1080P (default)**, 2K + 1080P and 1080P + 1080P.

 If you want to store more videos on your SD card, try reducing the resolution.

2) Video Length
Set the length of the individual recorded video files. The Dash Cam will continue recording, filling the memory card. When the memory card becomes full, the oldest file will be automatically deleted to make space for the new recording. Choose the default duration for each recording cluster: **1 Minute (default)** / 3 Minutes / 5 Minutes.

3) Audio Recording
Turn **ON (default)** / OFF the microphone for video recording.
Hot key: Mute/unmute when short press mode button in video mode.

4) G-Sensor
Turn off or adjust the sensitivity of the internal G-Sensor. The G-Sensor detects forces which will protect the current recording in the event of a collision. The higher the G-Sensor sensitivity, the less force will be needed to trigger automatic file protection. Can be set to OFF / **Low (default)** / Medium / High.

Hot key: Lock/Unlock the video in case of emergency, you can lock/unlock the current video by pressing on the menu button during recording. The video footage of the locked video will be saved in the Event folder.

5) Exposure
Used to adjust exposure level for different light conditions.

6) WDR
Turn **ON (default)** or turn OFF WDR (Wide Dynamic Range)

7) Parking Mode
Due to technical reasons, parking mode is **OFF by default.**
Your dashboard camera can record footages of events occurring when your car is parked with engine off. The built-in battery will keep the sensor of your device in stand-by mode, and will start recording automatically for 30 seconds if it detects vibration or shock. Parking mode can only record and save a footage after an event has been detected by the sensor.

8) Date Stamp
Turn **ON (default)** / OFF the time and date stamp shown at the bottom of the screen on recorded files.

7.3 Playback Settings

To access Playback Settings, press the Menu / Back button while in Playback mode. For each sub-menu, press up or down to navigate, OK to confirm, and menu/back to go back or cancel.
While you are checking the video file list or playing a video, the product will stop recording.

Delete Files:
Use this option to delete photos and videos stored in your SD card.
You can choose between deleting the current file you are currently watching, or all files on your SD card.
You cannot delete a protected file.
You cannot recover a photo or video that has been previously deleted.

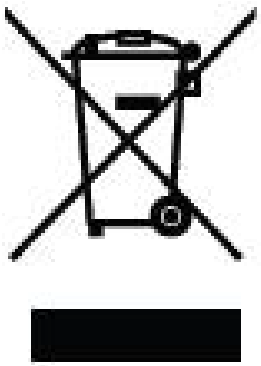
8. Playback on PC

The ways to playback on PC:
1) You can connect the device to your computer by using the standard USB cable(data transfer function needed) to view and manage videos stored inside the SD card.

2) You can also view the recorded files from the microSD card on a PC by using a card reader. Most video viewing software packages will be able to view the files on the card.

9. Disposal of the Device (Environment)

At the end of the product life cycle, you should not dispose of this product with normal household waste. Take this product to a collection point for the recycling of electrical and electronic equipment. The symbol on the product, user's guide and/or box indicates this.



Some of the product materials can be re-used if you take them to a recycling point. By reusing some parts or raw materials from used products you make an important contribution to the protection of the environment.

Please contact your local authorities in case you need more information on the collection points in your area.

Dispose of the battery pack in an environmentally-friendly manner according to your local regulations.

10. Specifications

Model Name	UHD280
Dimension / Weight	63.4 x 56.4 x 33.2 mm / 62g
Display panel	2.0” IPS LCD (320 x 240)
Memory	Micro SD Memory card 8GB or above, up to 128 GB. Class10 or above (Not included)
Video resolution for front camera	UHD (3840*2160) QHD (2560*1440) FHD (1920*1080)
Lens for front camera	140° 6 glass lens
Video resolution for rear camera	FHD (1920*1080)
Video file format	MP4
Image file format	JPG
GPS and Wi-Fi	No
Mic and speaker	Built-in
Power	5V 1.5A
Battery	180mAh Rechargeable li-polymer battery
Operating temperature	14 -140°F / -10 - 60°C
Storage temperature	14 -140°F / -10 - 60°C

UK Declaration of Conformity

We the manufacturer / Importer: Hubble Research (HK) Limited
Rm 1707, 17/F, Nan Fung Commercial Centre, 19 Lam Iok Street, Kowloon, Hong Kong

Declare under sole responsibility that the product:
Type of equipment: Dash Camera
Model Name: UHD280
Country of Origin: China
Brand: Binatone

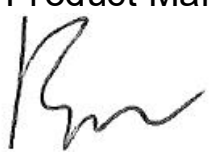
complies with the essential protection requirements of the Electromagnetic Compatibility Regulations 2016 and the following standards:

BS EN 55032:2015+A1:2020
BS EN 55035:2017+A11:2020
BS EN IEC 62368-1:2020+A11:2020

The product is labelled with the UKCA markings as shown below can be affixed on the product after preparation of necessary conformity documentation, as stipulated in Guidance Using the UKCA mark from 1 January 2021. Any Unauthorized modification of the product voids this Declaration.

UK
CA

Manufacturer / Importer
(signature of authorized person)
Calvin Tsang, Product Manager

Signature: 

Place & Date: Hong Kong

EU Declaration of Conformity

We the manufacturer / Importer: Hubble Research (HK) Limited
Rm 1707, 17/F, Nan Fung Commercial Centre, 19 Lam Iok Street, Kowloon, Hong Kong

Declare under sole responsibility that the product:
Type of equipment: Dash Camera
Model Name: UHD280
Country of Origin: China
Brand: Binatone

complies with the essential protection requirements of the EU directive and the following standards:

EN 55032:2015+A1:2020
EN 55035:2017+A11:2020
EN IEC 62368-1:2020+A11:2020

The product is labelled with the European Approval Marking CE as shown. Any Unauthorized modification of the product voids this Declaration.

CE

Manufacturer / Importer
(signature of authorized person)
Calvin Tsang, Product Manager

Signature:

Place & Date: Hong Kong
18th July 2024