



## USER GUIDE G360HD2K



## Introduction

Thank you for purchasing the Gator 360 High Definition 2K camera. This product is designed to provide high definition recording of your trips/sports and can be used as a dash camera for evidence in the case of an incident. Being portable, this convenient and durable multi-use recorder can be used in a variety of situations for video recording.

## Product Overview

This product is a HD Digital 360 recorder, it can record high resolution video as well as high resolution pictures, using a micro SD card as the storage device which is ultra-small, power saving, easy and convenient to carry anytime.

The 360/DVR Camera has a recording resolution of up to 2448x2448 at 30 frames and it can also shoot 16 mega pixel still images.

**ATTENTION: Please charge the unit for 4 hours before installing.**

### Product Features:

- Up to 2448x2448 @30fps resolution
  - 360° Panoramic camera
  - Driving mode for Dash Cam use
  - 220-degree high definition wide-angle lens
  - Waterproof with case up to 30 meters
  - Supports up to Class 6 and higher 128GB Micro SD Cards (Not included)
  - Compression technology with advanced H.264 photography
  - 1-inch LCD screen
  - Loop Recording
  - Detachable 1050mAH battery
  - Downloadable smartphone app for wireless live-view
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- Do not put the 360/DVR Camera into a damp working condition; the 360/DVR Camera is only waterproof with the case securely on.
  - Do not try opening the shell or trying to repair the 360/DVR Camera by yourself. If the accessories for the 360/DVR Camera have any problems, please take it to an authorized repair agent for repair.
  - Do not use a chemical substance, clean solvent or cleaner to clean the 360/DVR Camera, please use a moist soft cloth if you would like to clean the 360/DVR Camera.
  - Do not use the 360/DVR Camera under conditions where dust and density is too large, to avoid affecting the video.
  - Please care for the environment, do not discard this machine randomly; do not throw the 360/DVR Camera into a fire, as it may explode.
  - Please pay attention to cleaning the lens surface, use a moist soft cloth to clean the lens before use, to avoid poor video footage.

**Package Components:**



Gator 360 HD2K Camera



Mounting Bracket



USB to Micro USB



Car Charger



Waterproof Case



G360HD2K User Guide



Remote



Battery

**Package Components:**



**Bike Mount**



**Switch Support 1**



**Switch Support 2**



**Switch Support 3**



**Switch Support 4**



**Fixed Base 1**



**Fixed Base 2**



**Helmet Base**



Bandage



Cable Tie

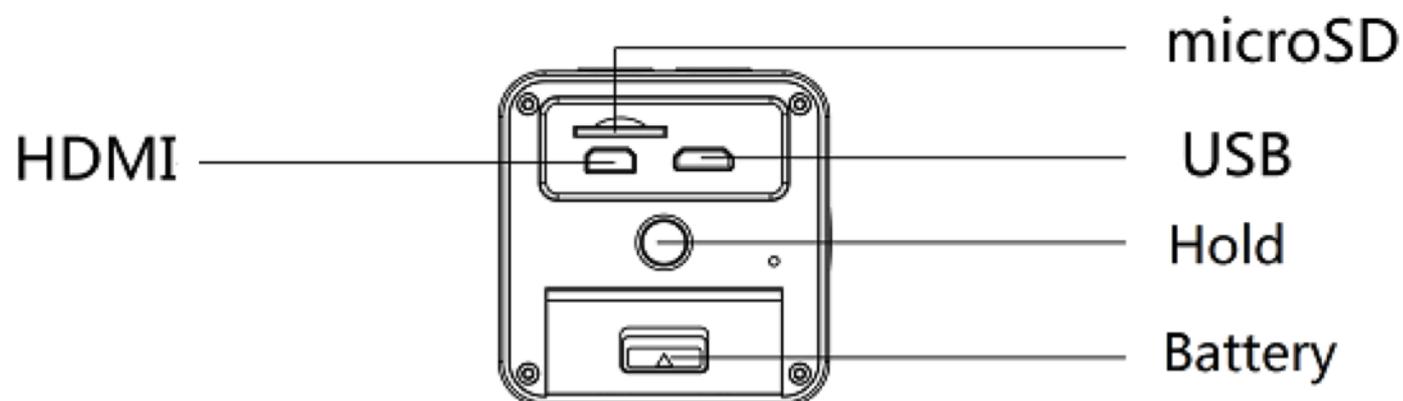
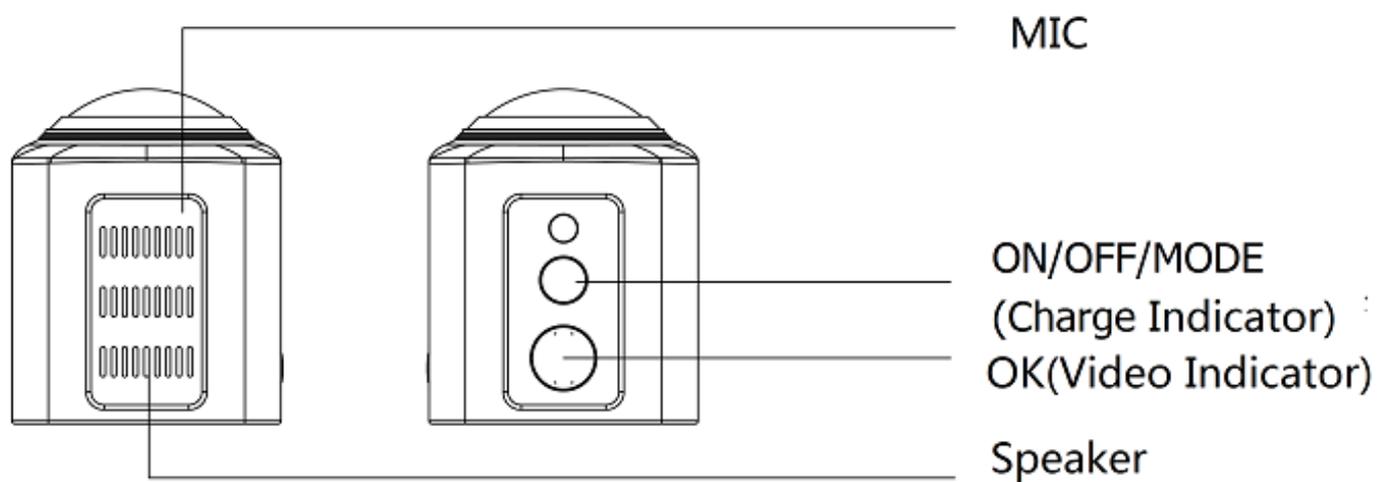
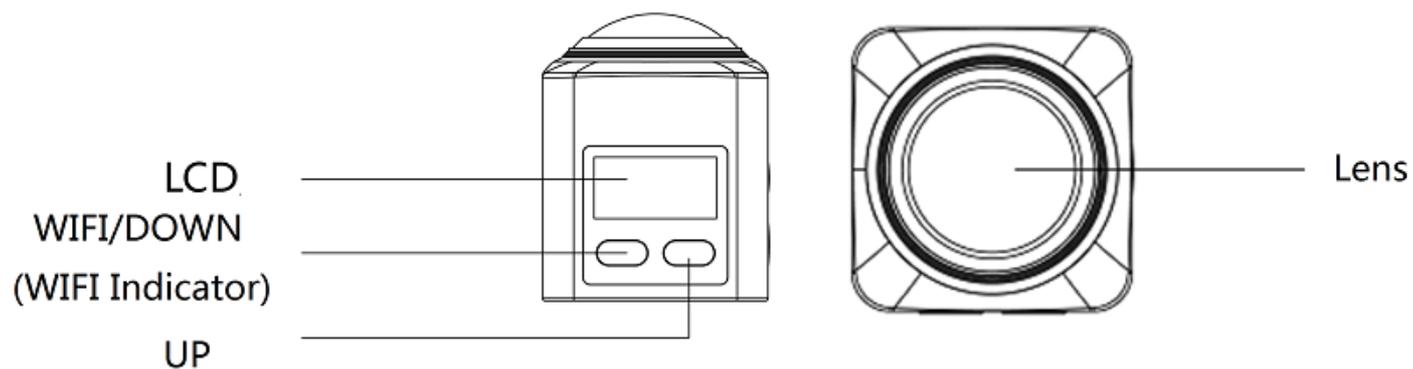


3M Adhesive Tape



Cloth

**Product Structure:**



## **Button Instructions**

### **Power/Mode Button:**

When the 360/DVR Camera is turned off, press it once to turn it on. While the system is on, hold down the power button to turn it off.

The Power/Mode Button can also be used to switch between video mode, photo mode, slow motion mode and settings.

### **OK Button:**

The OK is used to start recording in video mode. Pressing the button again in video mode will stop the recording. Holding down the OK button while recording will take a photo without interrupting the recording. In photo mode, the OK button is used to take a picture.

The OK button is also used to select a setting in the menu.

### **Up/Wi-Fi Button:**

The up button is used while in the menu to move the highlighted area for selecting. Pressing the UP button while in video mode will enable Wi-Fi and show information for pairing. Long pressing the Up button while Wi-Fi is enabled will turn it off and return to video mode.

### **Down Button:**

The down button is used while in the menu to move the highlighted area for selecting. The Down button will open up a 'quick settings' menu where it shows settings related to the current mode.

### **Micro SD Slot:**

Where the Micro SD card is inserted (Max size is 128GB).

### **USB Interface:**

The USB port can be used to charge the device or be connected to a computer for data transmission.

### **Micro HDMI:**

The micro HDMI port provides a HD output interface using a micro HDMI to HDMI cable that can be plugged into a HDMI in supported device. (Not Provided)

### **Power/Mode Button Light:**

After connecting the 360/DVR Camera through USB, the indication lamp will flash red meaning it is charging.

### **OK Button Indication Light:**

When the device is turned on, the blue indicator will light up. When the device is recording, it will be flashing blue. This can be turned off in the settings.

### **MIC:**

Audio receiver for video recording.

## Extra Functions

### Ignition Auto Power On/Off:

Once power is connected to the device, like when you start up your car, the 360/DVR Camera will automatically turn on and start recording. When the power is disconnected, or car is turned off, the 360/DVR Camera will automatically save the file and shutdown. This only works when Driving Mode is enabled

## Basic Instructions for Video and Photo Operation

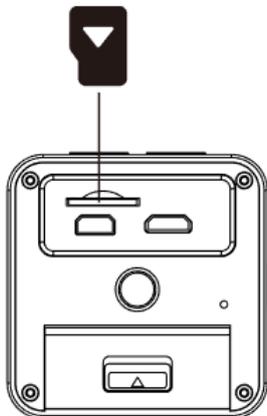
### Powering on and off the device:

To turn on the 360/DVR Camera press the power key once, the red indication lamp will be light up if it is connected to a power source. To turn it off, hold down the power button and the device will turn off.

**WARNING:** The device will automatically turn off once the battery hits critically low levels.

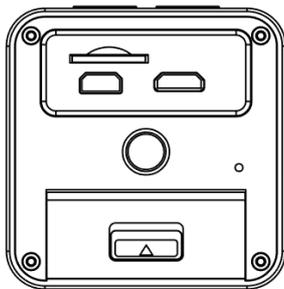
### Inserting Micro SD Card:

Please insert Micro SD Card with a minimum class rating of 6. This product supports Micro SD Cards up to 128GB in size. Over 32GB class 10 card preferred.



### Installing and removing the battery:

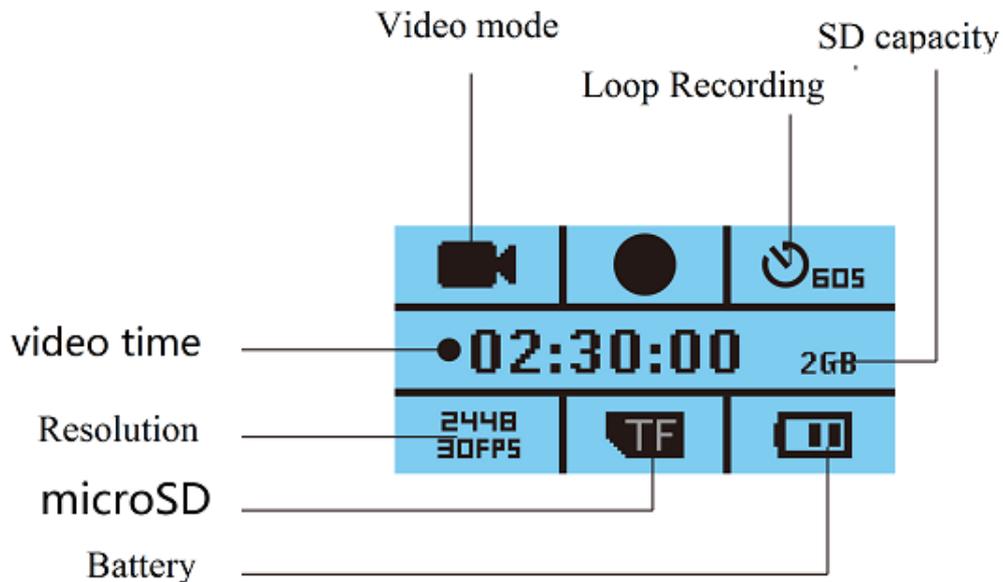
Open the battery cover and install/remove your battery. The battery can also be removed to reset the device in the case of a system jam or crash.



## Video Mode

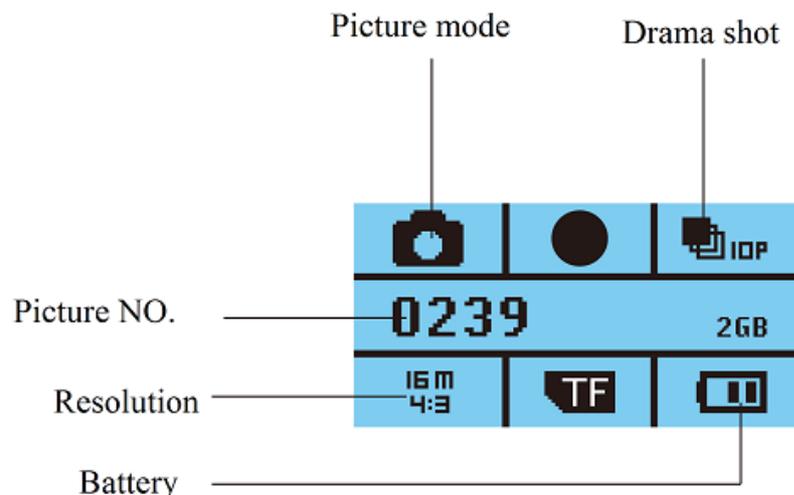
Press the Mode button to switch to video mode if not already. To start recording in video mode press the OK button. You know it is recording by the circle indicator on the left side of the LCD. To stop the recording, simply press the OK button again. Pressing the Down button in video mode will allow you to adjust the video resolution and other video settings.

You can take a picture while recording by holding down the OK button until you see the screen flash and the photo sound.



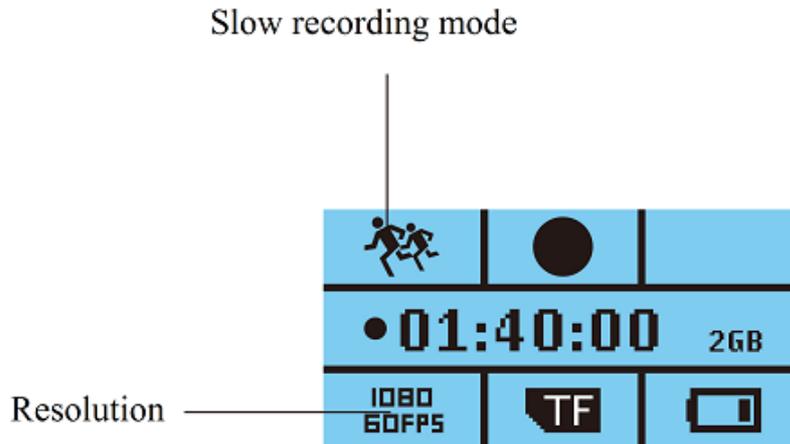
## Photo Mode

Press the Mode button to switch to photo mode. There is a camera icon at the top left corner of the LCD to signify you are on photo mode. To take a photo, press the OK button. The screen will flash and make a camera sound when a picture is taken. Pressing the Down button in photo mode will allow you to adjust the photo resolution, image quality and other photo settings.



## Slow Recording Mode

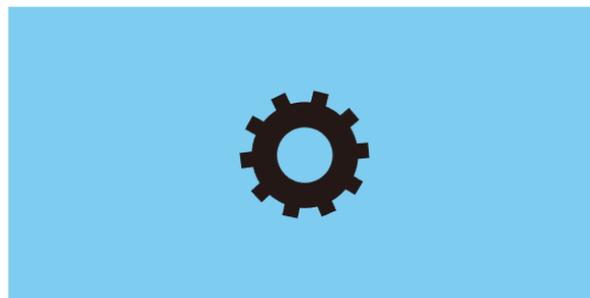
Press the mode button until you see the figure icon on the top left of the screen representing slow recording mode. To start recording in slow recording mode press the OK button. You know it is recording by the circle indicator on the left side of the LCD. To stop the recording, simply press the OK button again.



## Menu Settings

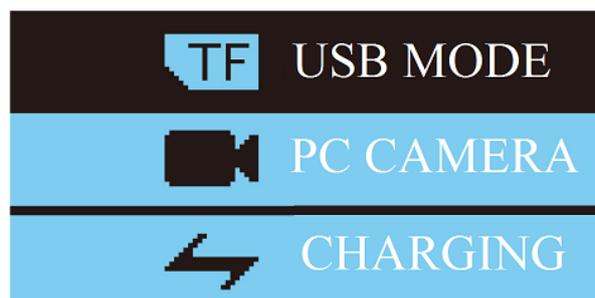
Press the Power/Mode button to get into the menu settings (as image shown below). Once on that screen, press the OK button. You can navigate the settings menu by using the Up/Down buttons. To change or edit a selected setting, press the OK button.

Press the Power/Mode button until the cross is highlighted along the top right hand side, then press the OK Button to exit.



## USB Mode

When connecting a USB cable with a PC, the 360/DVR Camera will present three options. 'USB Mode' allows you to transfer your videos and photos to your PC. The 'PC Camera' option allows you to use your 360/DVR Camera as a webcam for your computer. The Charging option allows you to just charge the device.



## Battery Instructions

Please see below illustration for battery the capacity indications.



Critical Power



Low Power



Medium Power



Full Power

When the 360/DVR Camera is charging, a red indicator on the 360/DVR Camera glows red. The 360/DVR Camera takes about 4 hours to fully charge. When the 360/DVR Camera hits full charge, the red indicator will turn off.

The 360/DVR Camera can be charged multiple ways:

1. Using the provided micro USB cable to connect to a USB interface for charging.
2. Using the provided car charger

## Menu setting features explained

### Video Settings



**Video Resolution:** The recommended resolution should be set at '2448P at 30FPS' or '1440p at 60FPS' in order to get the best quality footage.

**Recording Sound:** This feature will allow you to turn the 360/DVR Cameras recording sound on or off. If you want to stop the 360/DVR Camera recording sound in the cab of your vehicle, set this feature to off by un-ticking it.

**Time Lapse:** This feature will take a picture at every specified set interval when in the recording mode. It will combine the series of images into a video file. If you would like to turn this feature off, select the 'close' option.

**Loop Recording:** This feature allows you to set the size of the files your 360/DVR Camera will record before saving and creating a new file. We recommend the 360/DVR Camera to be set to '3' minute files if it is being used as a dash cam.

**Slow Motion:** Shows the resolution, Slow Motion Mode records at (Cannot be changed).

### Photo Settings

Press the Power/Mode button to select Photo Settings



**Photo Resolution:** This feature is only for photo mode. This allows you to change the resolution of images. Recommended is '16M' (Mega pixels)

**Timed:** Sets a timer before a picture is taken in photo mode. If you would like to turn this feature off, select the 'close' option.

**Auto Time:** This feature will automatically take a photo at the specified set intervals. If you would like to turn this feature off, select the 'close' option.

**Drama Shot:** When enabled, photo mode can take a 'burst' of up to 10 photos a second. If you would like to turn this feature off, select the 'close' option.

### Mode Settings

Press the Power/Mode button to select Mode Settings



**Exposure:** This feature will change the white input. We recommend it always be set at '+0.0'.

**White Balance:** This feature is only for photo mode. This allows you to manually set the white balance for photos in photo mode. Set to 'Auto' to let the device choose for you.

**Wi-Fi:** Pressing this setting will enable Wi-Fi and take you to the Wi-Fi information screen.

**Image Rotation:** This feature allows you to flip the display upside down. This would be useful if the device is installed upside down.

**Driving Mode:** Turning this setting on will make the device act like a traditional DVR for car use. Once power is connected to the device, when you start up your car, the device will automatically turn on and start recording. When the power is disconnected, or car is turned off, the DVR will automatically save the file and shutdown.

**Frequency:** This feature allows the best recording in conditions where street lights and ac lighting is used. It is recommended to have this option set to 'Auto'.

**LED Indicator Light:** This will turn of the OK Button Indicator light.

**Auto Screensavers:** This feature will turn your LCD off after 10, 20 or 30 seconds but will continue to record regardless. This feature is useful for night driving as having the LCD on could be a distraction.

**Date Stamp:** This feature will stamp the date and time on all your footage produced by your 360/DVR Camera.

### Device Settings

Press the Power/Mode button to select Device Settings



**Language:** Allows you to choose from a selection of languages that include: Simplified Chinese, Traditional Chinese, English, Japanese, Korean, Russian, Dutch, French, Italian, Spanish, Polish, Nederland's, Portuguese and Thai.

**Date/Time:** This feature will allow you to change the year, month, day and time. To change the date simply use the arrow keys to go up or down. Press the OK button to move onto the next section. Again, use the arrow buttons to go up or down. Once through all the sections, pressing OK again will finish the setup.

**Format:** This feature allows you to format/delete all the files off your micro SD card and also reinstalls your DCIM directory and 360/DVR Camera software on your SD card so the micro SD card can operate with your 360/DVR Camera free of errors.

**Reset to Factory Settings:** This feature will reset all your settings and return your 360/DVR Camera to the factory standard settings.

**Firmware Version:** This simply shows the firmware/software employed by the 360/DVR Cameras hardware.

Press Power/Mode button again to highlight the Cross along the top right and then press the OK Button to exit the settings.

### **Wi-Fi connection with XDV360 App**

This device can be paired with your Android or iOS device via Wi-Fi and the XDV360 app.

1. To begin, turn on the Wi-Fi on the 360/DVR by pressing the Up/Wi-Fi Button in Video Mode. Make sure your smartphones Wi-Fi is also turned on.
2. Install the application by searching for 'XDV360' on the Android Google Play Store or Apple App Store. You can also find the app by scanning the QR code on the box.
3. Check to see if the 360/DVR Camera is in Wi-Fi mode as the Up button will flash orange and the Wi-Fi information will be displayed on screen.
4. Open your smartphones Wi-Fi Settings and search for the Wi-Fi name that matches the name on the devices screen. It should be similar to 'X360\_\*\*\*\*'. The password is displayed on your devices screen (12345678). This password cannot be changed.
5. Once your smartphone is connected to your 360/DVRs Wi-Fi, open the XDV360 app and you will then be able to view the device in real-time and take videos or photos through your phone. You will also be able to adjust the settings and view files previously saved on the device.

### **360 Camera Player for Windows**

You can find the 360 player software for this device on the TDJ.com.au website under the firmware section. For information on how to install the software, visit the link below and read the instruction file.

<https://tdj.com.au/firmware/Gator/G360HD2K/>

you can also navigate to the website by going to the TDJ website (TDJ.com.au), clicking 'Help/Downloads' along the top and then to 'Or: Browse all Firmware & Manuals'. From there click Gator then G360HD2K.

There are also numerous other free players that may work well with this device such as the PIXPRO SP360 4K editing software that is both free and Windows/MAC compatible.

## Product Specification

Product Feature	HD Camera, HD Recording
LCD Size	1" LCD
Lens	220 Degree Wide Angle
Language	Simplified Chinese/Traditional Chinese/English/Japanese/Korean/Russian/Dutch/French/Italian/Spanish/Polish/Nederlandse/Portuguese/Thai
Video Format	MP4
Video Resolution	2448×2448 30fps, 2048×2048 30fps, 1440×1440 60fps, 1440×1440 30fps, 1072×1072 60fps, 1072×1072 30fps
Video Codec	H. 264, Audio: AAC
Loop Recording	Recording with seamless
Auto turn on/off while car power on/off	Supports turn on while car starts and turn off while car turns off.
Year/Month/Day Hour/Minute	Supported
Still images	Photo resolution: 16MP
Photo Format	JPEG
Memory Card	Class 6 and Higher Micro SD SDHC and Micro SDXC (up to 128GB Max)
MIC	Supported
Built-in Speaker	Supported
Frequency	50HZ/60HZ
USB Function	1. Storage 2. PC Camera 3. Charge
Power Interface	5V 1A
Wi-Fi	802.11b/g/n 2.4Ghz
Battery	1050mAH built-in battery

## Frequently Asked Questions

Under normal operating conditions, if there are problems with the device, please refer to the following methods to resolve.

### **Cannot take pictures or record video?**

Please check whether there is enough space on the micro SD card.

### **Stopping automatically while recording**

Due to the high amount of HD video data being recorded, please use a high speed micro SD card (Minimum of class 6). To tell if you have the required high speed card, check if it has the 'Micro SDHC' logo on the SD card and the C4, C6 or C10 somewhere on the card.



### **Fuzzy/dirty image**

Please check if the lens is filled with dirt or fingerprints and clean carefully. Please clean lens with cloth before shooting.

### **Horizontal stripes interference in the image**

This is due to the wrong setting of light frequency error, please set the frequency to 50HZ as it is the Australian standard frequency.

### **The 360/DVR Camera is jammed or not responding**

Please reset the device by pushing in the reset button on the underside of the 360/DVR Camera.

### **Why does battery go flat in the 360/DVR Camera?**

The 360/DVR Cameras battery must be frequently charged once a week if the car is not in use.

### **Why does the time and date reset?**

The time resets when the 360/DVR Camera's battery is flat. Make sure the 360/DVR Camera is always charged in order to keep date and time.

### **Why is the battery not charging in the car?**

Please check and make sure that there is power in the cigarette lighter socket of your car.

### **Micro SD card not recognised by 360/DVR Camera**

Format card in the 360/DVR Camera's menu setting's before use.

### **A coloured tinge showing up in the video?**

Make sure to peel off the transparent protective sticker on the front of the 360/DVR Cameras lens.

## **Infringement of copyright warning**

Please note that this product is for personal use only, the method of use shall not violate the goods infringe on domestic or international copyright laws. Even recorded images for personal use only, please note that in some cases to use this product to record performances, exhibitions or business activities of the images may infringe the copyright or other legal rights and interests of others.

## Technical Assistance

If you need assistance setting up or using your Gator product now or in the future, call Gator Support.

Australia

TEL: 03 – 8587 8898

FAX: 03 – 8587 8866

Mon-Fri 9am – 5pm AEST



Please retain this user guide for future reference.

If you would like to download a digital copy of this manual, or other Gator manuals/software, please visit the [TDJ.com.au](http://TDJ.com.au) website and click 'Help/Downloads' for information on where to find the manuals/software.