

USER MANUAL

DCAM-GPS-01



**PLEASE READ THIS INSTRUCTION MANUAL CAREFULLY
BEFORE USING THIS PRODUCT.**

INTRODUCTION

Thank you for choosing our dashboard camera with GPS tracker. This manual contains important safety and operation information. Please read the manual carefully before the first use and keep it for future reference.

SAFETY INSTRUCTIONS

- Do not expose the camera to water or other liquids.
- Keep the camera clean. Do not store in hot, dirty, humid or wet environment.
- Press the buttons softly (do not press the screen).
- Do not disassemble this camera. To prevent the risk of electric shock, do not remove the cover. No user-serviceable parts inside. Refer to qualified personnel for servicing.
- Please unplug the USB cable from the computer when

the camera is not used for a long period of time.

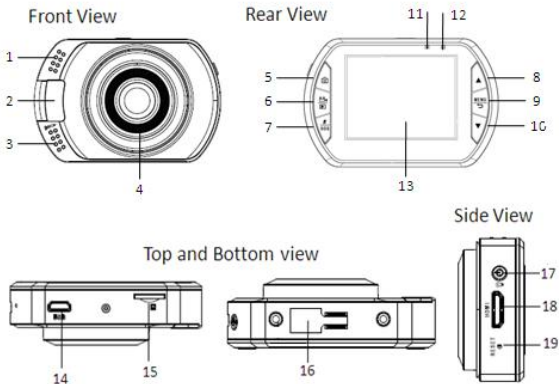
- Do not drop the camera and prevent hard impact. This may result in damage to the product.
- Disconnect the camera from any power source before cleaning. Only use a dry soft cloth to clean the camera.

WHAT IS IN BOX

	DCAM-GPS-01	1 piece
1.	User Manual	1 piece
2.	Suction mount with GPS unit	1 piece
3.	USB Cable	1 piece
4.	Car Charger	1 piece

1. GETTING TO KNOW YOUR DCAM-GPS-01

DEVICE OVERVIEW




1- Loudspeaker

2- LED Light

3- Microphone


4- Lens


5- Photograph 

6- Record/Play/OK Button 

7- Mic. on/off/SOS Button 

8- Up Button ()

9- Menu/Back Button 

10- Down Button ()

11- Work Status Light (Blue)

12- Power Indicator (RED)

13- LCD display

14- USB Port

15- Memory Card Slot

16- Bracket Socket

17- Power/LED Light Button 

18- HDMI Port

19- Reset

2. USING THE DCAM-GPS-01

BATTERY OPERATION

1. To recharge the internal battery, connect the camera to a computer via the included USB cable, or use a 5V/1A USB power adapter to recharge the unit.
2. The battery will be fully recharged after 3-4 hours.

NOTE: Once fully charged, the recharging icon on screen will disappear.

INSERTING A MEMORY CARD

This car dashboard camera does not have internal memory. A Micro SD memory card must be inserted in the camera for further operation. If no memory card is inserted, the camera cannot record any video. To insert a memory card, follow the next steps:

- 1: Turn off the camera.
- 2: Insert the Micro SD card into the card slot.
- 3: Turn the camera on. If the memory card is installed correctly, you can start recording video.

INDICATOR LIGHTS

The camera has two indicator lights.

- 1: When recharging, or when connected to a PC, the red indicator will be on.
- 2: When recording or photo, the blue light will be blinking.

CAMERA OPERATION

START-UP/SHUTDOWN

Press the Power button to turn the camera on, the screen will light up and the camera is on.




Press the Power key again for about two seconds to shut down

the camera.

Note: The camera will shut down automatically when the battery is low.

MODE SELECTION

There are three different working modes available for this camera, Photo, video and playback.

Display	Title	Description
	Photo mode	Take still pictures
	Video mode	Record videos
	Playback mode	Recorded videos playback

SETTINGS

Before taking photos or recording videos, press the power button to switch on the DCAM-GPS-01 first. Press the Menu button to enter Settings. Press up/down button to select the option and press OK button to confirm your setting.

MENU	FUNCTION
Date/Time	This function can be used to add a date to your pictures and video as you take them 【Set the date】
Auto power off	If the camera is not used for specific time, it will automatically turn off. If "off " is selected, the camera will always stay on. 【1min】 / 【 3min 】 / 【off 】
Beep sound	Turn On/Off beep button sounds: 【On 】 / 【off 】
Language	Set the on-screen language: English
Frequency	Set corresponding frequency according to your region: 【50HZ】 / 【60HZ】



TV mode	Playback video to a TV set via HDMI cable (Not included). Choose TV format according to your region 【NTSC】 / 【PAL】
LCD off	Select to turn LCD on or off
Format	Format your SD card including protected files. NOTE: removing the SD card during formatting may damage the card. 【OK】 / 【Cancel】
Default Setting	Factory reset to default settings: 【OK】 / 【Cancel】
Version	Firmware version number

VIDEO MODE

1. For automatic start, connect the camera to the car charger. 5 seconds after the car engine is started, the camera will automatically start recording video. When the car engine is shut down, the camera will save the last file and automatically turns off after 15 seconds.
2. To start recording manually, you can just press the Record button. Press the same button again to stop recording.
3. Zoom in/out by pressing UP/Down buttons
4. The recording time length will be shown on the screen
5. Please use Class 10 or above memory card for recording HD videos
6. When loop recording is disabled, the camera will automatically stop recording when the memory card is full. (When loop recording is enabled, the camera will always keep recording, but starts overwriting the oldest video files when the card is full.)



MUTE & SOS FUNCTION

1. During recording, press  button, device will mute the microphone, press again to turn the microphone back on.
2. Press  button for 2 seconds to lock the current video segment from being overwritten by loop recordings. (The lock icon can be removed in playback mode.)

SETTINGS IN VIDEO MODE

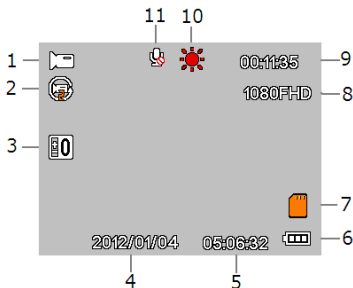
While in video mode, press the Menu button to change your settings.

MENU	FUNCTION
Resolution	Choose the video resolution from 1080FHD 1920*1080 /1080P 1440*1080 /720P 1280*720(30fps).
Loop recording	When loop recording is enabled, the camera will always keep recording, but starts overwriting the oldest video files when the card is full. You can set the length of each video segment: Off / 1 min. / 2 mins / 3 mins / 5 mins /10 mins
Exposure (EV)	Select the exposure value from +2.0,+5/3,+4/3,+1.0,+2/3, +1/3, 0.0, -1/3,-2/3, 1.0,-4/3,-5/3,-2.0

Motion Detection	When motion detection is on, the camera will automatically start recording if any movement is detected. 【On 】 / 【Off 】
Record Audio	Enable/disable audio recording 【On 】 / 【Off 】
Date Stamp	Enable/disable time stamp on recorded videos/pictures: 【On 】 / 【Off 】
G-Sensor	Set the sensitivity of the vibration sensor so that it only gets triggered by actual impacts and collisions and not when you are just driving over unlevel roads. For example, on graveled roads it is better to select LOW. 【Off】 / 【High】 / 【Medium】 / 【Low】

WHAT'S ON SCREEN IN VIDEO MODE

When recording, following icons will be displayed on the camera screen.



1. Video recording

2. Loop Recording

3. Exposure

4. Date

5. Time

6. Remaining battery capacity

7. Memory card loaded



8. Video resolution

9. Time recorded

10. Daytime/Nighttime

11. MIC On/Off

PHOTO MODE

1. Turn on the camera and Press the  button to enter photo mode.
2. Take a picture by pressing the  button.
3. Press up and down buttons to zoom in or zoom out.
4. A preview will be displayed on the screen for one second.

SETTINGS IN PHOTO MODE

While in photo mode, enter setup menu to change your photo settings

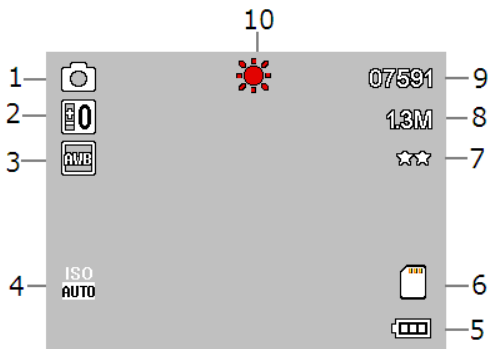
MENU	FUNCTION
Capture Mode	Select single/multi photo and time interval: 【Single】/【2s timer】/ 【5s timer 】/【10s timer 】
Resolution	Change the image resolution:

	【12M】 4000*3000 【10M】 3648*2736 【8M】 3264*2448 【5M】 2592*1944 【3M】 2048*1536 【2M】 HD1920*1080 【1.3M】 1280*960 【VGA】 640*480
Sequence	Automatically take 5 photos in a row. 【Off】 / 【On】
Quality	Select a lower image quality to reduce the image size and save memory capacity. There are three options for choice: 【Fine】 / 【Normal】 / 【Economy】
Sharpness	Adjust the Sharpness, three options available: Strong/Normal/Soft
White balance	Adjust the white balance settings depending on the surrounding environment light Settings: 【Auto】 / 【Daylight】 / 【Cloudy】 / 【Tungsten】 / 【Fluorescent】
Color	Set the color effect to add a color tone to the

	video: 【Color】 / 【Black & white】 / 【Sepia】
ISO	The ISO menu allows you to set the level of sensitivity that your camera has to light in the surrounding environment. 【Auto】 / 【100】 / 【200】 / 【400】
Exposure	Set the exposure value: +2.0,+5/3,+4/3,+1.0,+2/3, +1/3, 0.0, -1/3,-2/3, 1.0,-4/3,-5/3,-2.0
Date Stamp	Stamp date on videos or images recorded by the unit. There are three options: 【Off】 / 【Date】 / 【Date&Time】


WHAT ON SCREEN IN PHOTO MODE

When in Photo mode, following will be shown on screen.



1. Photo mode	6. Memory card
2. Exposure	7. Image quality
3. White balance	8. Resolution
4. ISO	9. Remaining storage space
5. Remaining capacity of battery	10. Daytime/night time

PLAYBACK MODE

- 1: Turn on the DCAM-GPS-01, press and hold the icon  and go into menu to set the camera in playback mode.
- 2: When the camera enters playback mode, the last recorded file will be displayed. Press the up/down button to browse the stored files.
- 3: Press the OK button to play the files. Meanwhile, press up/down to FORWARD / BACKWARD (1/2, 1/4, 1/8), press OK button to pause.

SETTINGS IN PLAYBACK MODE

MENU	FUNCTION
Delete	Use this function to delete a single file or all files. 【Delete Current】 / 【Delete All】
Protect	Use this function to protect the files from being deleted unwanted.

	【Lock Current】/【Unlock Current】/【Lock All】 / 【Unlock All】
Slide Show	Display time per image during an automatic slide show 【2seconds】 / 【5sesonds】 / 【8seconds】
Thumbnail	When playback is stopped, an overview of all saved files with miniature images is displayed 【Off】 【On】
Volume	Turn up/down to increase or decrease volume

CONNECTION WITH TV

To view the videos that are recorded by the camera on a TV/HDTV, just connect the device to your TV with HDMI cable (not included). For playback options, please refer to the PLAYBACK MODE section.

DOWNLOADING FILES TO YOUR PC

Connect the device to computer with the USB cable.

Select Mass storage on screen after connection and press OK button for confirmation.

You can find the camera in “My Computer”

All files are stored in the DCIM folder, videos are stored in AVI format, and the pictures are stored in JPG format. You can now download the files to your PC.

If you select PC camera on screen after initial USB connection and press OK button for confirmation, the dashcam can also be used as a PC webcam.

TROUBLESHOOTING

Problem	Solution
Cannot download images to the PC	Check USB connection / cable
	Choose Mass Storage on screen
No action after pressing Shutter button	<ol style="list-style-type: none">1. Wait until the camera saved the last image/video2. Memory capacity runs out. Delete some pictures or videos from the SD card.
Camera has no response	Press the reset button with thin needle and restart the unit.

<p>“Card error” message appear when Micro SD card is loaded</p>	<p>Format your micro SD card, and try again. Check SD card in PC for problems.</p>
	<p>Class 6 or above memory card is required for use in this camera.</p>

NOTE: As continual improvements are made to the design and specifications of this product, slight differences may occur in the actual product.

DECLARATION OF CONFORMITY

This product is tested and complies with the essential requirements of the laws of member states concerning EMC(2004/108/EC). The CE declaration can be found under www.gembird.eu

Dieses Produkt wurde getestet und stimmt mit den grundlegenden Anforderungen der Richtlinie EMC(2004/108/EC) überein. Die Konformitätserklärung kann auf unserer Webseite www.gembird.de heruntergeladen werden