

Abee

Keep watching for you

M6

High-Definition Car Dash Camera



Wide Dynamic
Range



Parking
Mode



6G All
Glass Lens



Full HD
1080P



6G All
Glass Lens



Wide Dynamic
Range



2.4" LCD



Li-Po



Circular
Recording



Wide Angle



Emergency
Recording



Collision
Detection



Parking Mode

Contents

1.Product	3
1.1 Features.....	3
1.2 Content.....	5
1.3 Appearance	6
2.Installation Guide	7
2.1 Installation Instruction.....	7
2.2 Device Installation/Uninstallation	8
2.3 Wiring Suggestion	9
2.4 Power Connection	9
3.Operational Guide	10
3.1 Turn On / Turn Off	10
3.2 Recording.....	11
3.3 Emergency Recording.....	11
3.4 Snapshot	12
3.5 Files Preview	12
3.6 Menu / Functions	13
3.7 Micro SD Card File Storage Instruction.....	15
4.Specifications	16

1. Product

Many thanks for purchasing Abee M6 HDR GPS car recorder. We are dedicated to providing innovative and high-quality electronics to our customers. This device functions as an in-car video and audio recorder and on condition that its built-in battery is fully charged, it also supports off-car usage.

1.1 Features

- **HQ Recording:** Full HD 1080P 30fps, high resolution for super clear video quality.
- **Circular Recording:** Customized 2, 3, 5-mins interval recording to not lose a second.
- **Emergency Recording:** Protect important files from being overwritten.
- **Wide Angle Lens:** 135° all-glass flat wide angle lens for sharp and clearer night vision.
- **Collision Detect:** G-Sensor detects gravity difference and initiate emergency recording automatically once a collision is occurred.
- **Color Large Screen:** 2.4" TFT color LCD for displaying clear image.
- **HQ Image Output:** Directly connects to HQ TV for watching the video.
- **Automatic Recording:** Automatically starts recording when the car starts up.
- **Shut Down Storage:** Automatically store the files when stops the engine.
- **Shut Down Extension:** Extend 10 seconds before turning off the device when the engine is off or the power is disconnected.
- **Parking Mode:** Automatically activates recording once the collision or motion to be detected during
- **Time Stamp:** To choose if time stamp to be shown on the video.
- **High Temperature Resistance:** Parts and lithium battery both passed the high-temperature test to ensure user safety.
- **Built-in High Temperature Resistance Lithium Polymer Battery:** Support off-car recording when runs into emergency.
- **Memory Card:** Micro SDHC memory card supports up to 32GB.
- **USB 2.0 Interface:** Directly connects to PC for fast file access.
- CE/FCC/BSMI certified. No interference with in-car devices and GPS.
- Compliance with RoHS.

Attention

Usage Instruction

- Please use Class 10 or above micro SDHC card to avoid image lagging.
- For initial device setup, please stop the recording, and enter the setting page via the lower-left Menu key.
- Please adopt Abee original bracket and accessories.
- In vehicles which power to the cigarette lighter remains on after the engine has been turned off; please remove the cigarette lighter plug to avoid draining your car battery or other accidents.
- After the engine stops, power supply been cut off, or any event that interrupts the power supply occurs; the built-in battery allows continuous recording to the memory card. Do not remove the micro SDHC memory card or the file might be damaged.
- Do not place the device in direct sunlight when you get off the car.
- Do not connect the device directly to the power source on the car. A setup this way will render the warranty void.
- It is a normal phenomenon that the device might slightly heat up when used for a long period of time.
- Do not disassemble or modify the device. Please consult the dealer or our customer service center when encountering problem with the device.
- Do not drop or subject the device to blows or force. Do not press hard on the touch screen. This may damage the device or cause it to malfunction.
- For safety reason, please do not operate the device during driving.
- Please avoid contact with water and make sure both hands are dried when operating the device.
- Please avoid cleaning the product with cleanser containing strong acid or alkaline.
- Please follow local regulations when disposing the device and its built-in battery.
- It is prohibited to change the battery by customer themselves. Mis-use might lead to explosion. Please contact your local dealer or our customer service for battery change.
- The driving safety calculation is for reference only. Please drive according to local traffic rules and actual traffic situation.
- For correct usage, please read the user manual carefully.

Micro SDHC Memory Card

1. Please use at least 8G micro SDHC memory card Class 10 or above supporting up to 32GB.
2. Please format the card via the device before usage.

※ Please do not insert or extract the memory card while the device is in operation.

1.2 Content

<p style="text-align: center;">Device</p> 		<p style="text-align: center;">Bracket</p> 	
<p style="text-align: center;">Car Charger</p>	<p style="text-align: center;">User Manual</p>	<p style="text-align: center;">Warranty Card</p>	
			

1.3 Appearance

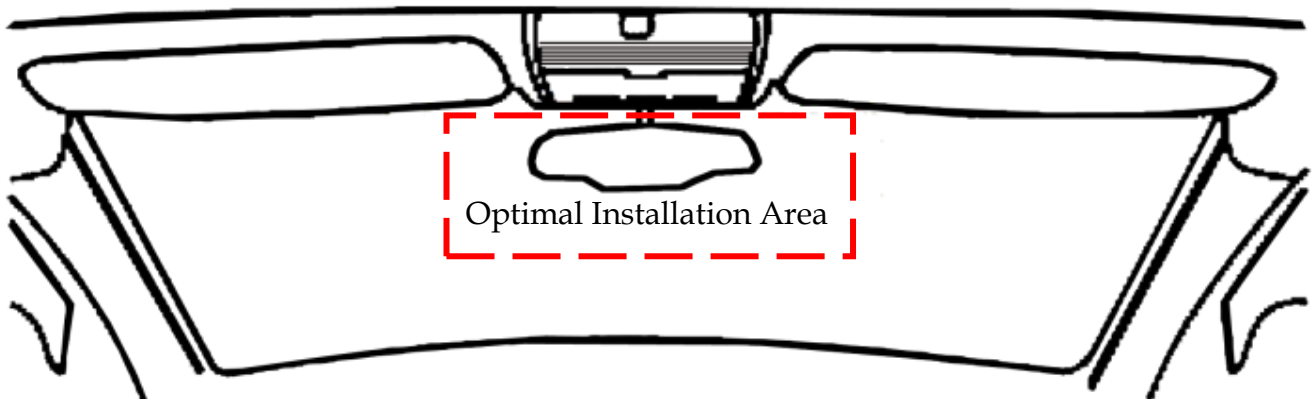


No.	Item	No.	Item
1	ON/OFF Key	9	Memory Card Slot (Micro SD Card)
2	Menu / Back	10	Mini USB Port
3	Up Select/Snapshot/Delete	11	HD Output
4	Dn. Select/Stop/Play	12	RESET
5	Recording/Emergency Recording/Confirm/Pause; Play	13	Lens
6	Display Screen	14	Speaker
7	Recording Indicator	15	Microphone
8	Mount	-	-

2. Installation Guide

2.1 Installation Instruction

- Install your product as close as possible to the rearview mirror in your car to get the best views, as illustrated.
- To ensure clear recording in rains, please install the device within the range of windshield wipers.
- Please avoid hindrance of the safety airbag operation.
- Wipe clean the selected area and the suction cup prior to installation.
- Do not touch the lens lest the finger grease smudges the lens and thus affects recording quality; use exclusive cloth for cleaning lens with lens whenever necessary.
- Do not install on colored windshield, which affects recording quality.



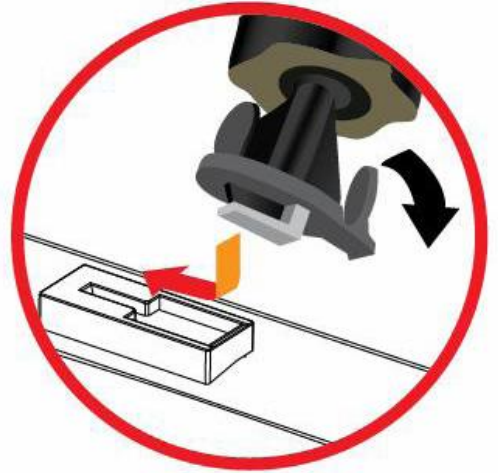
⊗ **Warning**

Do not install Abee products over an air bag cover or within the air bag deployment zone. The company assumes no responsibility or liability for injury or death as a result of car crashes and/or air bag deployment.

2.2 Device Installation/Uninstallation

Installation

1. To attach the bracket to the device, slide the bracket into the bracket slot until a click sound appears.
2. To attach the device on the windshield, put the suction cup onto the windshield and press down the clamp, which can fix the bracket.
3. Make sure the bracket has been firmly installed. To adjust the vertical angle, loosen the top knob; to swivel the device horizontally, unscrew the bottom knob screw. Screw back tightly to secure recording angle.



Uninstallation

1. Device Uninstallation: To disconnect the suction cup the windshield, pull down the clamp. Make sure the device is securely in your hand in advance.
2. Bracket Uninstallation: To disconnect the bracket from the windshield, simply pull up the suction cup bottom.

2.3 Wiring Suggestion

1. Take the cigarette charger cable upward and set it along the inside seam of car towards the door of the shotgun seat.
2. Extend the cable to the door-frame strip (front pillar inner side), downward to fix under the mat and into the console.
3. Tuck the spare cable under the mat if applicable.

※ Coins or other solid objects could be helpful in fixing the cable to its position.



2.4 Power Connection


1. Connect the cigarette car charger cable to the micro USB slot on the device.
2. Connect the other side of the cigarette car charger cable to the cigar lighter. The device will automatically turn on/off in accordance to engine's status.

※ Red LED light on the device indicates device is under recording; Green light indicates device is on stand-by mode.


3. Operational Guide

3.1 Turn On / Turn Off

1. Turn On:

Press  for 1 second to turn on the device when the car charger is not connected.

2. Turn Off:

Press  for 1 second to turn off the device.

3. Auto On/Off:


- ※ When the car charger is connected and the engine is on, the device will turn on automatically.
- ※ The device will automatically turn off when the engine is off.
- ※ Use cigar lighter to activate the engine to automatically turn on the device. The device will automatically turn off if disconnect the charger when charging (disconnect the USB cable).
- ※ Auto on/off function is not supported if the cigar lighter keeps charging after the engine turns off.

※ Quick Troubleshooting

1. Please check if Micro SD card is correctly inserted.
2. Check if the storage space of memory card is sufficient; or if it is system error.
3. Please back up the data and format the SD card if the error cannot be removed.

3.2 Recording


1. General Recording:

Press  to start recording; Red LED ● and time stamp will appear on the upper left corner of the screen.

2. Automatic Recording:

Under the Automatic Recording Mode; the device will automatically start recording when connects to the power.




3. Stop Recording:

Press  to stop recording during the recording mode.



4. Stop Recording by Device Turning Off:

Recording stops and files saved upon device shutting down.

3.3 Emergency Recording

1. Press  again to start Emergency Recording during the general recording mode. “Emergency Recording” in red font will appear on the upper left corner of the screen. The files recorded under emergency recording will be protected and not to be overwritten by circular recording files. Press  to stop recording.
2. Emergency recording will be initiated when collision is detected under the recording mode when device is power on.
3. An 4G memory card saves approximately 5 emergency recording files; 8G and above memory card saves approximately 10 emergency files.
4. Press  again during the recording, “Full storage for emergency files” message will appears on the screen when the emergency recording file storage is full.


3.4 Snapshot

1. Under recording mode, click on  for taking a snapshot.
2. Simply click on  for snapshot during driving, which affects nothing to the recording mode.

3.5 Files Preview

Under default mode, click on  to enter the play back menu. Use   to select the file and click on  for video playing. Click on  for returning to the previous section.

3.6 Menu / Functions

Click on  to enter the Menu page. Find the following list for the setting instructions:

System Setting

Time Setting	Display time adjustment.
LCD Setting	LCD Off; 30-sec Off; 3-min Off; LCD On
Sound Control	System volume adjustment of 5,4,3,2,1 or Off. Voice recording On / Off.
Languages	Traditional Chinese, Simplified Chinese, English, Japanese and other 11 kinds of languages.
Reset	Select to reset the device or not

Recording Setting

Resolution	1080P/30fps,720P/60fps or 720P/30fps
Automatic Recording	The device will automatically start recording when power on if this function is turned on.
Recording Interval	Circular recording file storage time adjustment: 2-min,3-min or 5-min
Time Stamp	Select to turn on/off the time stamp on the video
WDR	Select on/off. Turn on this function to obtain the best image under large light and shade contrast.

Function Setting

Collision Detection	High, medium or low sensitivity setting. The emergency recording will be initiated when runs into a collision after turning on the function.
Parking Mode	Parking Collision, Motion Detection or Off. The recording will be initiated when runs into a collision or motion is detected under the parking mode when the engine is off.
EV	Adjustment of: -1, -2, 0, +1, +2
Shutdown Extension	Extend 10 seconds before turning off the device when the engine is off after turning on this function. Or to turn off the function.
Frequency	50Hz / 60Hz

File Management

File Playback	Playback, watch video or photos
File Delete	Delete videos or photos
Format	Delete all the files in SD card if process
Version	Firmware version display

3.7 Micro SD Card File Storage Instruction

1. Via USB cable to connect Abee M6 to read files from Micro SD card. Abee M6 is available to connect your home PC and the files are able to be browsed on it as a portable device. (LCD will automatically turn off when the device is connected as a file reader).
2. Read the files on Micro SD card via the card reader:
Turn off Abee M6, remove the memory card from the device and access it via a card reader on the computer.
3. Memory Card (Micro SD) Content:
Files are stored in “DCIM” in the memory card and separated into 3 folders: “EMERG” for emergency recording videos; “VIDEO” for general circular recording videos and “PHOTO” for snapshot pictures.

4. Specifications

Display	2.4 inch TFT capacitive color screen
Image Sensor	New generation low-light CMOS
DSP	New high-speed image processor
Lens	135° 6G all-glass with IR filter
Resolution	1920×1080 (30fps) / 1280×720 (60fps/30fps)
File Format	MOV
Compression	H.264
Duration	2/3/5-min recording interval; automatic circular recording
Power Supply	Car cigarette charger (INPUT: 12V~24V;OUTPUT: DC5V/1A) Built-in high temperature resistant lithium polymer battery
External Memory	Micro SD Card (8GB-32GB),SDHC Class 10 or above
LED Indicator	Green: On; Red: Recording
Operation Temperature	0°C~60°C
Storage Temperature	-20°C~80°C
International Certifications	BSMI/CE/FCC/RoHS
Dimensions	6.2(L)×6.75(W)×2.7(H) cm
Weight	Around 80g

※ Abee works to ensure the accuracy and completeness of our user manual. Please kindly advise customer service should there be any mistake or point missing. All specifications are subject to change. Abee reserves the right to modify the specification without prior notice to customer.



Warranty Card

Authorized Agent

Authorized Seal Required

Model	
Serial Number	
Date of Purchase	

Remarks: One year warranty for non-human caused damages.