Thank you for purchasing from our company. In order to help you operate it correctly, please read this user's manual carefully before using. We feel confident that you will be pleased with the quality and features of this product.
Before using:

1. Please insert TF card before using.
2. The camera in video model can automatically loop recording.
3. It works with 12V power. It can straight getting power from car battery.
4. Built-in 500mAh rechargeable Lithium-battery. It just for playback and save the file. And shut down automatically after the car been turned off about 10 seconds (not for Recording)
5. H.264 compression mode.
6. TF memory card --- up to 32GB
7. Camera change to left and right about 20°. Lens angle 120°.
   (Lens angle optional to be 170°)

**Key Button**

- **M**  
  - Power/Menu
  - Press and Hold for 2 mins to power OFF/ON
  - Short Press to Menu

- **RESET**  
  - Reset
  - any question you can press to Reset

- **MFB**  
  - UP/Down
  - Press repeatedly to scroll upward and downward
  - Press and hold to focalize —— 4X

- **TF**  
  - TF slot
  - TF memory card —— up to 32GB

- **USB 12V**  
  - USB 12V power (for record must use 12V external power)

- **Model**  
  - Press and Hold for 2 mins to change the Model:
    - Photo-snap Model
    - Record Model
    - Playback Model

- **R**  
  - Record
  - Press to Record /stop record.
1) Playback video
1: Playback Model
2: play / Pause. Press "UP" and "Down" button to play next video or the last video.
3: The time for playing video
4: The current time
5: Resolution
6: The Video name ?to show current video in which clip and which part
7: The video was locked as the picture. You can to menu to unlock.

2) Playback photo
1: Playback photo Model
2: The photo was locked as picture. You can to menu to unlock.
3: The photo series number
4: Resolution
5: Current time
6: The time for taking the photo
7: Power
Snapshot Model:

1: Snapshot Model  
2: ISO  
3: Anti-Shaking  
4: The name of Video  
5: Photo size  
6: Quality  
7: TF memory card  
8: Power

Video Model:

- Press and hold \button to change it will to be
- Record Model automatically when you turn on default.
- Press \button start to Record and stop.
- Press \ and \ repeatedly to scroll Upward and Downward
- Press \ to “yes or no”
- Press and Hold \ button to turn ON/OFF
- Press \ button to menu

DVR Description

This item has 3 Model. Press and Hold \ to change the Model.
1) Recording Model: Loop Record  
2) Snapshot Model: Take Photo  
3) Playback Model: Playback
Resolution: 1080FHD 1920*1080 / 1080P 1140*1080 / 720P 1280*720 WVGA 848*480 / VGA 640*480
Loop Recording: Select 3mins/2mins/1min/OFF
WDR: ON/OFF
Exposure: +2.0, +5/3, +4/3, +1.0, +2/3, +1/3, +0.0, -1/3, -2.0
Motion Detection: It starts recording automatically itself if there is motion in the video without pressing any button.
Record Audio: ON/OFF when you select off. DVR photography will no longer be recorded.
Date Stamp: ON/OFF when you select off, the video file does not display the recorded date
G-Sensor: Built-in 3-axis G-sensor. When an impact, emergency brake occurred or the car tilted. It will protect the previous. Present and next video files automatically. Through this function the important files won't be removed by loop recording.

**Snapshot Model**
Press button to Snapshot Model
On Snapshot Model. Press Up and Down button to focalize --4X Digital Zoom

Capture model: select 1 sec, 2 secs, 5 secs, 10 sec.
Resolution: 12M 4032*3024, 10M 3648*2736, 8M 3264*2448, 5M 2592*1944.
5M 2592*1944, M 2048*1536, 2M HD 1920*1080, VGA 640*480.
Sequence: ON / OFF
Quality: Fine / Normal / Economy
Sharpness: Strong / Normal / Soft
White Balance: Auto / Daylight / Cloudy / Tungsten / Fluorescent
Color: Color / Black & White / Sepia
ISO: Auto / 100 / 200 / 400
Exposure: +2.0, +5/3, +4/3, +1.0, +2/3, +1/3, +0.0, -1/3, -2.0. You can according the need to modify exposure value.
Anti-Shaking: ON / OFF
Date Stamp: OFF / Date / Date Time.
When you select OFF. The camera does not display the picture taken date.

The Dashcam Store
**Playback Model**

* Press and hold \[ \] button to Playback.

* On Play Model. Press \[ UP\] and \[ Down\] repeatedly to scroll Upward and Downward to select the video or photo.

* Press \[ \] button to play the video and stop playing.

* Press \[ \] button withdraw from playing current video to next video or photo.

* ON playback \[ \] , press \[ UP\] and \[ Down\] button to change the voice.

**System Setting:**
- ON Video Model. Snapshot Model. Playback Model.
- Press \[ \] to system setting Model.

- Delete : Delete Current / Delete All
- Protect: Lock Current / Unlock Current / Lock All / Unlock All
- Slide Show: 2 seconds / 5 seconds / 8 seconds
• Date / Time: The Date setting
  When you select SETTING. Press the “OK”
  button to enter and setting.
• Beep Sound: ON/OFF
• Language: English, French, Spanish, Portuguese,
  German, Italian, Chinese.
• Traditional Chinese, Russian, Japanese
• TV Mode: NTSC/PAL
• Frequency: 50HZ / 60HZ.
• Screen Saver: 3mins / 5mins / 10mins / OFF
• IR LED: ON / OFF
• Format: SD Card / All data will be. Deleted Cancel. OK
• Default Setting: Default / Cancel / OK
• Version: Current Software Version

○ Play with computer
  You can select to play video or photo.

play on the computer . the video and photo will show as pic .
playing the format: H.264
Technical Parameters

<table>
<thead>
<tr>
<th>Video Resolution</th>
<th>1080FHD, 1920×1080/1080P, 1440×1080/720P, 1280×720/WVGA, 848×480/VGA, 640×480/QVGA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optional Language</td>
<td>English, French, Spanish, Portuguese, German, Italian, Chinese, Traditional Chinese, Russian, Japanese</td>
</tr>
<tr>
<td>Optional Frequency</td>
<td>50Hz/60Hz</td>
</tr>
<tr>
<td>Sensor</td>
<td>built-in 3 axis G-Sensor</td>
</tr>
<tr>
<td>Wide angle Lens</td>
<td>120° / Camera Rotary / 4X Digital Zoom</td>
</tr>
<tr>
<td>WDR</td>
<td>wide dynamic range</td>
</tr>
<tr>
<td>Camera</td>
<td>6G sharp glass lens</td>
</tr>
<tr>
<td>Display</td>
<td>3inch TFT LCD screen</td>
</tr>
<tr>
<td>video Formats</td>
<td>H.264 decoding format</td>
</tr>
<tr>
<td>Audio</td>
<td>Mic and speaker equipped</td>
</tr>
<tr>
<td>Motion detection recording function</td>
<td></td>
</tr>
<tr>
<td>SOS file locking function</td>
<td></td>
</tr>
<tr>
<td>support 32G memory TF card</td>
<td></td>
</tr>
<tr>
<td>loop recording</td>
<td></td>
</tr>
<tr>
<td>Shutter speed</td>
<td>1/2 - 1/1000 second</td>
</tr>
<tr>
<td>Battery</td>
<td>3.7V 500mAh Lithium-ion Battery</td>
</tr>
<tr>
<td>Power</td>
<td>USB 12V / 2A</td>
</tr>
<tr>
<td>Temperature</td>
<td>-30°C - 80°C</td>
</tr>
</tbody>
</table>

Warranty:
The product is designed and manufactures to provide a high level of trouble-free performance. We warrants, to the original purchaser that their products are free from defects in material and workmanship for 30 days from the date or original purchase. Because it is impractical to publicize all changes in every product, we reserve the right to make such changes without notice.

- All repairs must be performed by us. The equipment must not have been altered or been damaged through negligence, Accident, or improper operation.
- The replacement of parts are exempted from this warranty when replacement is necessary due to normal wear and tear.
- All warranty claims must be accompanied by copy of the sales receipt or bill of sale.
- Repair or replacement parts supplied by us under this warranty are protected only for the unexpired portion of the original warranty.

Trouble shooting:
If you power on the mirror, there is no picture.
Check and try the following:
- Reboot the system
- Format the memory card
- Check the memory card is good
- Insure you had taken out the cap of camera
- Press the reset button