# REXING

# F9

# USER MANUAL

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## Thank you!

Dear customer,

Thank you very much for choosing the **Rexing F9 Car DVR Dashcam**.

Now you have a witness to prove your innocence in case of an unfortunate incident or accident.

Please read this user manual carefully and keep it safely in order to operate the product easily and get better service.

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## Rexing F9 Car DVR Highlights:

This car DVR records at 1080p full HD resolution automatically when the car is turned on and turns off automatically when the car turns off.

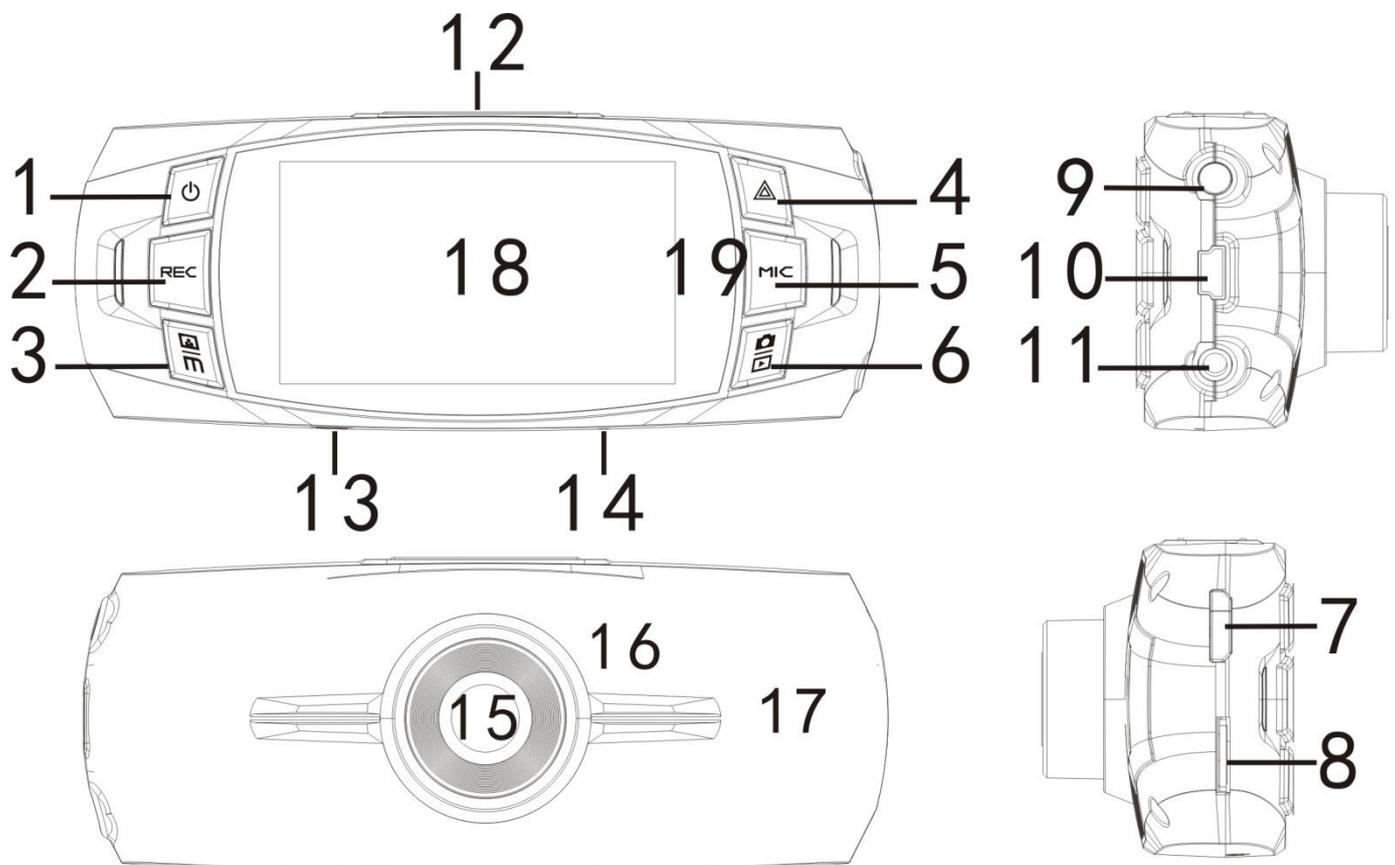It has loop recording function that overwrites oldest files when the card is full.

It has built-in microphone and will record audio and video both unless the microphone is disabled.

Buttons have backlight that makes it easy to operate at night.

It can also be used as a mass storage disk or as a PC camera (webcam) when connected to a computer.

## Rexing F9 Appearance and features:



(Note: Photo is for reference only)

## Rexing F9 Features and Description:

| Feature/Function | Description |
|---|---|
| 1.ON/OFF Button | Hold on to the button for 3 seconds to turn on or turn off the device. When the device is on, quick press of power button turns on or turns off IR LED light. |
| 2.REC | Start/stop record. It also acts as confirm/ok key in Menu/settings. In photo mode, it takes photo when pressed. |
| 3.Menu button | Short press to go into menu settings: Resolution, date time, format, etc… Long press of the button (3 seconds) turns off the LCD screen, press any key to turn the screen back on. |
| 4.UP/emergency lock button | While it's recording video, press this button for 3 seconds to trigger emergency lock function and a key icon is displayed. In settings and playback mode, it acts as UP. |
| 5.Down/MIC button | While it's recording video, press this button to turn off (mute) Audio recording and press again to start audio recording. The small microphone icon will have a red line when muted. In menu settings, this button acts as DOWN button. In standby mode, press it 3 second to hide display icons, press it again to display icons. |
| 6.Photo/Mode button | Toggle between Video Mode/Camera Mode/Playback Mode. |
| 7.mini HDMI Port | Allow you to connect your device to a TV that has a HDMI port. You will be able to display High definition video footages on the TV。 |
| 8. MicroSD(TF) Slot | Insert your microSD card here. Supports up to max. 32GB microSD card |
| 9. AV-OUT Port | Allow you to connect your DVR to another device that support AV-Input. For instance, you will be able to view your video footages on a TV. AV Cable is optional. |
| 10. USB interface | Charge or connect your device to your PC for file transfer. |
| 11. GPS interface | It is optional for a GPS module to do GPS tracking |
| 12.Mount Interface | Attach suction cup mount here. |
| 13. Reset | Insert the end of a small paper clip or stylus into the hole. This resets and restarts the Car DVR in case it hangs or freezes. |
| 14. Microphone | Record and play sound |
| 15. Camera Lens | CMOS Sensor Lens |
| 16. Flashlight | A LED flash on the back gives you extra light when you need it. A quick press of power button turns on/off this light. |
| 17. Speaker | Speaker for playback. |
| 18. Screen | 2.7" TFT LCD screen displays various icons depending upon dashcam's settings. |
| 19. PET | Plastic screen protector for TFT LCD. |
| Note: HDMI cable, AV-OUT cable and GPS module are optional and not included with the dash cam. | |

## LCD Screen's Icon Description:

| | |
|---|---|
| | Video Recording Mode |
| | Camera Mode |
| | Playback Mode |
| | Motion Detector Mode |
| | Loop Recording: 2 minutes time frame |
| | Loop Recording: 3 minutes time frame |
| | Loop Recording: 5 minutes time frame |
| | Battery Status: Charging |
| | Battery Status: Fully Charged |
| | Battery Status: Low |
| | MicroSD Card/ TF Card: Card has been inserted |
| | G sensor |
| | Microphone: On |
| | Microphone: Mute |
| | Playback Mode: Rewind (Event button) |
| | Playback Mode: Play (Mode button) |
| | Playback Mode: Fast Forward (MIC button) |
| | File locked: Click on triangle event button to activate file lock during recording. |
| 1080FH | Video Resolution available in 1080FHD/ 720P/ WVGA/ VGA |
| | Exposure status: +0.0 |
| | Photo Quality: Fine/ Normal/ Economy |

## Installing and operating the Rexing F9 Car DVR Dashcam:

1. Find a clean area on the windshield and affix suction mount.
   Be careful not to obstruct driver's view. Best place is around the rear view mirror.
2. Place the suction mount into the dash cam's mount insert.
3. Slide dashcam to the left to lock on the mount.
3. Once the dashcam is mounted on the windshield, rotate the mount to adjust viewing angle.

**Battery:** This CAR DVR has an internal, lithium-ion rechargeable battery but doesn't have enough charge to use it for video recording for a long time.

**Charging the battery:** connect device to cigarette lighter jack in your car using the included car charger. It is recommended to plug in the car charger at all times to make sure it's recording all the time and doesn't miss any incident or accident.

**Replace the battery:** It can be replaced only by Rexing Inc.

### Insert MicroSD card or TF card
Load the Micro SD/TF card to start recording your video or take still images. We recommend a minimum capacity of 4GB to maximum up to 32GB. Use of MicroSDHC is compatible and recommended.

### Power On/Off
When the Car DVR is off, press the power switch once to turn on the device. A welcome message will be displayed on screen.

**Note:** When this Car DVR is connected to charger in car cigarette lighter port, it automatically turns on and starts recording when the engine is on and automatically turns off when engine is off.

When the Car DVR is on, quick press of the power button turns on/off the IR LED light and long press turns off the device. A goodbye message will be displayed on screen.

### Camera
With this CAR DVR you can take both still photos and videos. Press Mode button to switch modes.

## Rexing F9 Menu Settings:

### Date/ Time
1. Click on [ M] twice
2. Use [Up]/Event and [Down]/MIC button to scroll for Date/Time function select [Date/Time] by clicking on [OK] /REC button
3. Under Year- Click on [Up] and [Down] button to adjust the year of your choice
4. Click on [OK] button to confirm your choice
5. Under Month -Click on [Up] and [Down] button to adjust the year of your choice
6. Click on [OK] button to confirm your choice
7. Under Day – Click on [Up] and [Down] button to adjust the year of your choice

8.Click on [OK] button to confirm your choice

9.Under Hour – Click on [Up] and [Down] button to adjust the year of your choice

10. Click on [OK] button to confirm your choice

11. Under Minute – Click on [Up] and [Down] button to adjust the year of your choice

12. Click on [OK] button to confirm your choice

13. Under Second- Click on [Up] and [Down] button to adjust the year of your choice

14. Click on [OK] button to confirm your choice

15. Under display format – Click on [Up] and [Down] button to choose [DD/MM/YY].[MM/DD/YY]or [YV/MM/DD]

16. Click on [OK] button to confirm your choice

**Beep Sound**

You can disable the beep sound your CAR DVR makes here.

1. Click on [M] twice

2. Use [Up] and [Down] button to scroll for Beep Sounds function

3.Select [Beep Sound] by clicking on [OK] button

4.Select [On] or [Off]

5.Click on [OK] button to confirm your choice

**Language**

Choose your prefer language.

1. Click on [M] twice

2. Use [[UP] and [Down] button to scroll for Language function

3.Select [Language] by clicking on [OK] button

4.Click on [Up] and [Down] button to select your preference

5.Click on [OK] button to confirm your choice

**TV Mode**

The two most common TV broadcast standards used are NTSC and PAL.

Choose your output formal when you hook your CAR DVR to your local TV.

1. Click on [M] twice

2. Use [Up] and [Down] button to scroll for TV Mode function

3.Select [TV Mode] by clicking on [OK] button

4.Click on [Up] and [Down] button to select your preference

5.Click on [OK] button to confirm your choice

**Frequency**

Please set according to the local power supply respectively; 50Hz or 60Hz.

**1.** Click on [M] twice

2. Use [Up] and [Down] button to scroll for Frequency function

3. Select [Frequency] by clicking on [OK] button.

4. Click on [Up] and [Down] button to select your preference

5. Click on [ok] button to confirm your choice

**Screen Saver**

You may set your CAR DVR's Screen Display to automatically shut off within certain time.

1. Click on [M] twice
2. Use [Up] and [Down] button to scroll for Screen Saver function
3. Select [Screen Saver] by clicking on [OK] button
4. Click on [Up] and [Down] button to select your preference
5. Click on [OK] button to confirm your choice

**Delayed Shutdown**

This option sets how long the Car DVR records after power is disconnected.

1. Click on [M] twice
2. Use [Up] and [Down] button lo scroll for Delayed Shutdown option.
3. Select by clicking on [OK] button
4. Click on [Up] and [Down] button to select your preference
5. Click on [OK] button to confirm your choice

**Default Setting**

Setting will be change to factory setting once you have selected this option.

1. Click on [M] twice
2. Use [Up] and [Down] button to scroll for Default Setting function
3. Select [Default setting] by clicking on [REC] button
4. Use [Up] and [Down] button to select [OK] or [Cancel]
5. Click on [OK] again to confirm your selection

**Format**

This is a shortcut to delete all your video and photo in your SD card without
Having the trouble of deleting one by one.

1. Click on [M] twice
2. Use [Up] and [Down] button to scroll for Format function
3. Select [Format] by clicking on [OK] button
4. Click on [OK] again when you see [SD Card]
5. Use [Up] and [Down] button to scroll [OK] or [Cancel] when you see 'All data will be deleted'
6. Click on [OK] again to confirm your selection

*Note: You will not be able to recover your video or photo once you format the TF card.*

## Take a Video

**Enter Video Mode** (Note: Video mode is default when you turn the car DVR on.)

1. Click on [MODE] button till you see icon is displayed on the left hand side of the screen.
2. Click on [OK] button to start recording. There will be a red dot blinking on the display
3. Click on [OK] button again to stop recording.
   Note: The camera will go to standby video mode on battery power. Press REC to record.

## Emergency File Lock

This function allows you to lock your file on your microSD card immediately.
This will prevent the file from overwriting by the new files.
While the dashcam is recording,
1. Click on the event triangle button for few seconds when video is recording
2. A locked key icon will be showed on your screen.

## Mute/Unmute Microphone

During Recording,
1. Hold on [MIC] button for 2 seconds to mute. You'll see a red line over the mic icon.
2. Hold on [MIC] button for 2 seconds again to unmute.

## Video Settings

### Resolution
For the best recording results, always set resolution to 1080FHD
1. Click on [M]
2. Select [Resolution] by clicking on [OK] button
3. Click on [up] and [down] button to select [1080p]
4. Click on [OK] button to confirm

### Loop Recording
This is a recording process that continues to record at the beginning, erasing the previously recorded video and replacing it with the new ones.
1. Click on [ M ]
2. Select [Loop Recording] by clicking on [OK] button
3. Click on [Up] and [Down] button to select [1080FHD]
4. Click on [OK] button to confirm

*Note: We strongly advise you not to turn off this function. Loop recording is a very useful function when TF card's memory space is full. This will allows your CAR DVR to continue recording by overwriting the old videos even when memory space is full. Highly recommend user to set to a minimum of 3 minutes loop recording.*

### WDR (Wide dynamic range)
This feature provide clear images even under backlighting, where the intensity of illumination varies a lot-namely when there are very bright and very dark areas simultaneously in the camera's field of view. WDR allows an imaging system to correct for the intense back light surrounding a subject and thus enhances the ability to distinguish features and shapes on the

subject.

**Exposure**

It is the amount of light allowed to fall on each area unit of a photographic medium (photographic film or image sensor) during the process of taking a photograph.
1. Click on [ M ]
2. Use [Up] and [Down] button to scroll for Exposure function
3. Select [Exposure] by clicking on [OK] button
4. Click on [Up] and [Down] button to select your preference
5. Click on [OK] button to confirm your choice.

**Motion Detection**

This function enables you to use your CAR DVR as a remote surveillance camera with motion detection functionality. It uses the built-in camera to detect movements in the surrounding area using an advanced motion detection algorithm. Camera will auto record if it detects any movement.
1. Click on [M]
2. Use [up] and [down] button to scroll for Motion Detection function.
3. Select [Motion Detection] by clicking on [OK] button
4. Click on [up] and [down] button to select your preference
5. Click on [OK] button to confirm your choice.

**Record Audio**

1. Click on [M]
2. Use [up] and [down] button to scroll for Record Audio function
3. Select [Record Audio] by clicking on [OK] button
4. Click on [up] and [down] button to select your reference.
5. Click on [OK] button to confirm your choice

**Date Stamp**

You may choose to add date/time stamps to your pictures. However the date/time stamp is not removable. So if you later decide to get rid of it, you can't since the original image is altered.
1. Click on [M]
2. Use [up] and [down] button to scroll for Date Stamp function
3. Select [Date Stamp] by clicking on [OK] button
4. Click on [up] and [down] button to select your [ON].
5. Click on [OK] button to confirm your choice

**G-Sensor**

This function acts like an accelerometer. It measures the acceleration and gravity forces detected on the camera. At such case during recording, the device will auto do a file lock. We strongly recommend you to set [High]
1. Click on [M]

2. Use [up] and [down] button to scroll for G-sensor function

3. Select [G-sensor] by clicking on [OK] button

4. Click on [up] and [down] button to select your [High].

5. Click on [OK] button to confirm your choice.


## Take a Photo

**Enter Camera Mode**

1. Click on [MODE] button till you see icon is displayed on the left hand side of the screen.

2. Click on [Up] and [Down] button to zoom in or out

3.Click on [OK]/REC button to take a still image.


**Photo Settings**

**Capture Mode**

You may have the options to take a single shot or to activate self-timer function with time frames of 2 seconds, 5 seconds and 10 seconds.

1. Click on [M]

2. Select [Capture Mode] by clicking on [OK] button

3.Click on [Up] and [Down] button to select your preference

4.Click on [OK] button to confirm your choice


**Resolution**

There are four different resolutions for a photo. They are 12M, 10M, 8M and 5M. For best results, this CAR DVR and the subject should be stationary.

1. Click on [M]

2. Use [Up] and [Down] button to scroll for Resolution function

3.Select [Resolution] by clicking on [OK] button

4.Click on [Up] and [Down] button to select your preference

5.Click on [OK] button to confirm your choice


Here are some good resolution guidelines to consider:

• 5M: A resolution that offers better image quality for use with craft projects. Also suitable for printing and framing an 11-by-14-inch photo to hang at home

• 8M: A resolution that's capable of providing attractive 16-by-20-inch prints

• 10M: Optimal for printing larger (20-by-30-inch) projects, including posters and panoramas

The more you increase photo resolution, the more you'll improve image clarity and detail.


**Sequence** (Take multiple shots)

1. In camera mode, click on [M] button

2. Use [Up] and [Down] button to scroll for Sequence function

3  Click on [OK] to confirm selection

4. Use [Up] and [Down] button to select [On]

5. Click on [OK] button to confirm

*Note:* Once this option is selected, sequence shots of 3 images will be taken when

you click on [OK] button. To off this function, select [Off] for Sequence.

**Quality**

There are 3 types of quality for a photo. They are Fine, Normal and Economy
For best results, this CAR DVR and the subject should be stationary.
1. Click on [M]
2. Use [Up] and [Down] button to scroll for Quality function
3. Select [Quality] by clicking on [OK] button
4. Click on [Up] and [Down] button to select your preference
5. Click on [OK] button to confirm your choice
Here are some guidelines to consider:
• Fine: Give you the best photos, with sharper details at a larger file size
• Normal: Has the medium quality, with a matching reduction in the file size.
• Economy: Only good for emailing, not printing and uses the smallest 'file size.

**Sharpness**

There are 3 types of sharpness for a photo. They are Strong, Normal and Soft.
1. Click on [M]
2. Use [Up] and [Down] button to scroll for Sharpness function
3. Select [Sharpness] by clicking on [OK] button
4. Click on [Up] and [Down] button to select your preference
5. Click on [OK] button to confirm your choice

**White Balance:** Leave it at Auto or select among Daylight, Tungsten etc…
**Color:** Color, Black & White or Sepia
**ISO:** Leave it at Auto or select one option.
**Exposure:** Exposure compensation from -2 to +2. Default is 0.
**Anti-Shaking:** Image stabilization.
**Quick Review:**
This allows you to have a preview of your photo taken. You can set timer from 2 to 5 seconds.
1. Click on [M]
2. Use [Up] and [Down] button to scroll for Quick Review function
3 Select [Quick Review] by clicking on [OK] button
4. Click on [Up] and [Down] button to select your [Off], [2seconds] or [5seconds]
5. Click on [OK] button to confirm your choice

## Video Playback Mode

1. Click on [MODE] button till you see blue triangle icon is displayed on the left hand side of the screen. Here you can scroll through files (UP/Down), delete or protect a file.
2. Next, press MIC button to enter the file playback mode. The blue triangle icon will change to video file icon.

3.  Once you see the video file icon, press the bottom right Mode button again to play.
4.  Click on [Up] button to rewind and [Down] button to fast forward the video file.
5.  Press and hold Mode button for few seconds to return to video record mode.

**Rewind/ Fast forward Video during a Playback**

During the playback

To rewind

Click on [Up] button one time, you will see [-2X] on the screen. Press again to increase speed.

To fast forward

Click on [Down] button one time. you will see [2X] on the screen. Press again to increase speed.

**Delete Files**

In the playback mode,
1.  Click on [M] menu button.
2.  Use [Up] and [Down] button to scroll for Delete function
3.  Select [Delete] by clicking on [OK] button
4.  Click on [Up] and [Down] button to select your [Delete Current] or [Delete All]
5.  Click on [OK] button lo confirm your choice
6.  Click on [Up] and [Down] button to select your [Cancel] or [OK]
7.  Click on [OK] button to confirm your choice

**Protect (File Lock)**

In the playback mode,
1.  Click on [M] menu button.
2.  Use [Up] and [Down] button to scroll for Protect function
3.  Select [Protect] by clicking on [OK] button
4.  Click [Up] and [Down] button to select your [Lock Current] / [Unlock Current]/ [Lock All]/ [Unlock All]
5.  Click on [OK] button to confirm your choice

**Slide Show**

In the playback mode,
1.  Click on [M] menu button.
2.  Use [Up] and [Down] button to scroll for Slide Show function
3.  Select [Slide Show] by clicking on [OK] button
4.  Click on [Up] and [Down] button to select your [2 Seconds]/ [5Seconds]/ [8 Seconds]
5.  Click on [OK] button to confirm your choice

## PC Mode:

When this car DVR is connected to a PC, there are following options:
1.  Mass Storage: Use this option to copy files.
2.  PC Camera: Use this option to use this car DVR with your webcam programs.
3.  Video Record: This option goes to standby mode. Press REC to record video.

## Specifications:

| Chipset | NT96650 |
|---|---|
| Storage | DDR3 128M |
| Video Resolution | 1080HFD 1920×1080 /1080P 1440×1080 /720P 1280× 720/ WVGA 848×480/VGA 640×480/QVGA 320×240 |
| File Format | Image: JPG <br> Video : MOV |
| Power-off File Recovery Function | Yes |
| Motion Detection | Yes |
| Date time stamp | Yes |
| Memory Card | Supports up to 32G MicroSD/ TF Card |
| Language System | English/French/ Spanish/ Portuguese/ German/ Italian/Simplified Chinese/ Traditional Chinese/ Russian/ Japanese |
| HDMI | Yes |
| AV-OUT | Yes |
| TV Standard | NTSC/PAL |
| USB | Yes |
| Audio Recording | Yes |

## General Troubleshooting Information:

| Problem | Possible Reasons | Solution |
|---|---|---|
| The captured image is not stored | 1. MicroSD card might be full <br> 2. Image is not saved before the power outage. | Make sure to stop recording before shutting down. |
| All buttons are invalid or don't respond | Procedural error or faulty operation | Press RESET button to restart the DVR. |
| Device doesn't turn on | Device might be low on battery | Charge the Battery or connect to charger. |
| Screen Auto power-off | 1. Screen Saver function is enabled. <br> 2. Low Battery. | 1. Click on [M] twice to the setup page and change [Screen Saver] to off. <br> 2. Charge the battery |
| Unable to take pictures | MicroSD card might be full. | Check your MicroSD card's memory space. Delete files if required. |

| | | |
|---|---|---|
| Auto stop recording in video mode | Use a compatible SDHC microSD card for HD video recording. | Test if the microSD card is good. Format the microSD card. Get a microSD card of Class 10 speed. |
| "File error" when trying to playback pictures or videos | MicroSD card might be corrupted. There are bad sectors in the card. | Reformat the microSD card. Test and replace the card if it's bad. |
| No image is displayed on a high-definition TV screen | 1. Cable plug might not be plugged in properly. 2. Wrong TV Input mode | 1. Ensure AV/HDMI cable is plugged into the TV properly. 2. Refer to the back panel of your TV to track the correct TV input. Make sure you have selected the correct input. |
| Hazy Images | Lens might be dirty | Check if there are fingerprints or dust on the lens. Clean it with a micro fiber cloth if necessary. |
| LED light cannot be turned on | Device might be low in battery. LED light will not be on when power is insufficient. | Charge the Battery. |
| There are horizontal stripes interference on the image | This could be due to wrong light frequency setting. | Please set according to the local power supply respectively; 50Hz or 60Hz. For SG/MY: 50hz |

**<span style="color:red">For more information and support, please contact us.</span>**
**<span style="color:red">Thank you.</span>**