GO RV-3000T User's Manual

Thank you for selecting Go RV-3000T touch screen camera, please read this manual carefully and learn its basic functions before operation.

Here's What You Should Have

Front View

Go RV-3000T Camera

Rear View

Mini USB /GPS & Charge Cable   Suction Mount   User's Manual

Go RV-3000T Bike Cam (Optional)   4.5A Car Charger (Optional)

⚠ For safety, do not change the camera settings while driving.

Avoid long term exposure the camera to direct sunlight when not use it.

Product Overview

2nd Camera   Power Input   Mount Screw Eye

Reset   Fill Light

MODE-
UP-
OK & POWER-
DOWN-
MENU-

Speaker
WDR   FULL HD 1080P

Recording Status   Current Date/Time   Mic Status
Resolution   Video Lock Status   Power Level

Recording Interval
GPS
G-Sensor — G
Speed — 000 MPH
License Tag — A B C D E F
02:39 2K   2023-01-01 08:18:28

Power Indicator
Mode Key
Wi-Fi Status
Up Key
Power/OK Key
Start/Stop Key
Down Key
Setting Key

Enable/Disable Audio   Picture Mode   Settings   Lock Video
Start/Stop Video

Getting Started

1. Inserting & Removing Micro SD card

Inserting SD Card:

1). Slowly insert a Micro SD card into the camera SD slot, orient the Micro SD card as the picture shown below .

2). Carefully push in the Micro SD card until it clicks.

MODE
OK
DOWN
MENU

☞ This camera supports a Micro SD card up to 256GB (Format the Micro SD card by camera is required before operation).

Removing SD Card:

⚠ Removing the SD card while the camera is operating can result in a loss of data or damage to the SD card or device.

1). Touch screen ⬤ icon to stop recording, or hold the OK/⏻ button 2 seconds to power off the camera.

2). Push in Micro SD card gently until Micro SD card ejects.

2. Attach Suction Mount

► Remove protection film from suction cup and camera lens.

► Choose a safe location on the windshield.

► Clean windshield surface where the suction mount will be placed.

► Firmly push the suction base against the windshield and flip the base lever down to the lock position. Adjust the angle of the pedestal arm by tightening the angle adjustment knob to the desired angle.

⚠ Do not place this device within the range of safety bag area. We are not responsible for any damage caused by place this device on unsafe area.

3. Connecting Power Cable

► Your vehicle USB ports may have limited Amp. Do not share with multiple devices if charge with USB port.

► Plug the included USB power cable between camera and vehicle USB port (Require at least a **2A** power output USB port).

► To power the camera by a **4.5A** USB car charger is required if plug to a cigarette receptacle (see the picture below).

⚠ Turn your vehicle to ignition position, if the receptacle is not active.

A 4.5 Amp USB car charger is excluded from the package

4. Power On/Off The Camera

☞ ► **Auto Power On:** When the camera is connecting to an ignition-switched power source, it turns on automatically when the vehicle ignition is on .

☞ ► **Manually Power On/Off:** Hold the OK/⏻ button for 2 seconds to turn off , one press to turn on the camera.

5. Format Your Micro SD Card

⚠ A new micro SD card or previous used in another device must be formatted by the camera. All data on the Micro SD card will be deleted and irrecoverable after formatting, please make a backup before formatting your Micro SD card.

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6. Start/Stop Video Recording

By default, this camera immediately starts recording video when it powers on, and continues recording over the oldest non-locked video until it turns off.

► Press OK/⏻ button or touch screen ⬤ icon to manually Start or Stop video recording.

☞ A red dot ⬤ blinks on upper left screen while video is recording.

🔧 General Settings

1. Resolution (Front Ultra 2K+ Rear 1080P)

The camera is set the video resolution 2K+1080p (Front + Rear camera)

2. Recording Interval (Default 3 Mins)

► Select the duration of recording length for each individual video file. The camera will loop record and overwriting from the beginning file (First in First out).

3. Mic (Default On)

This feature allows you to mute/unmute the microphone .

► Touch screen 🎤 to select On/Off the microphone.

The 🎤 icon shows on top of the screen indicating the audio is muted.

4. G-Sensor Sensitivity (Default OFF)

This feature detects a sudden change in the gravitational force of the vehicle. This is simply a measurement of acceleration or forward moving force felt as weight. When a vehicle experiences an impact from a crash, the camera is designed to secure the last set of video file(s) captured on the memory card, protecting them for review purposes.

► Touch " G-Sensor Sensitivity" to set the impact sensitivity level of G-Sensor. Which will automatically protect the current recording video in event of a collision. All locked video files will not be overwritten in SD card "Event" folder.

☞ After locked video files are transferred, manually delete locked files or format the SD card able to maintain the maximum recording capacity.

5. License Plate (Default 0000000)

By input your vehicle license plate number able to display it on recorded video footage.

After delete 0000000 and input your plate number then touch the check key

6. Screen Saver (Default Off, Screen Stays On)

► This feature allows you to set the screen stay on or go to a sleeping mode, the screen after a period of inactivity with options of off/30 seconds / 60 seconds.

☞ By touch the screen or press any key button to reactivate the screen for another 30 or 60 seconds.

7. Video Encoding (Default H.264)

► H.264/H.265 choose the video encode, this is relating with recorded video file size and the media player on your computer.

8. Light Source Frequency (Default 60 Hz)

It is a term given to video displays operating at a high refresh rate to reduce or eliminate the perception of screen flicker. (50 Hz rate of PAL, 60 Hz of NTSC video)

9. Mirror View (For Optional Rear Camera)

► This feature allows to set the view of front/rear camera to display on the screen. Touch the "Mirror View" to check the box. (Default Uncheck)

10. System Volume

► **System Startup Sound** (Default Low) The camera produces sound when powering up.

► **Key Tone** (Default High) The camera produces sound when screen and function key is touched.

11. Language (Default English)

Select a language for display of camera menus and messages.

12. Set Date/Time

☞ Select your time zone in "GPS Settings", the GPS receiver will synchronize the current date/time in your area.

13. Fill-in Light (Default Off)

► To set on/off/auto the fill light.

☞ Default "Off" to avoid light reflection at night.

14. Exposure Compensation (Default 0)

Exposure compensation helps you override automatic exposure adjustments your camera makes in situations with uneven light distribution or underexposure or overexposure. It lets you take control of your image's brightness by manually increasing or decreasing exposure.

15. Motion Detection (Default Off)

☞ This feature only be used when the vehicle is parked, and providing active power source to the camera is required.

► When the motion detection is turn on, the camera is armed, rather than continue recording video footage, the camera is only triggered by motion sensor.

⚠ Motion detection must set to OFF when you drive, otherwise video may not continually recording, only by motion active.

16. GPS 📍 (Indicates GPS has been found)

► Touch "GPS " to test "Latitude", "Longitude" and "Speed"

► Touch "Time Zone" to select your time zone . The GPS receiver synchronizes the current clock in your area. (Default UTC-5:00)

► Touch "Speed Calibration" to adjust the speed received by GPS

► Touch "Overspeed Setting" to set the speed limit alert, Audio sound will be alerted when over speed limit. (Default 74 MPH)

► Touch "Speed Unit" to set KMH or MPH. (Default MPH)

17. Wi-Fi APP (Default On)

► Set this feature "on" allows you to view/download /playback videos to your mobile device via "Road Cam" APP.

The screen shows 📶 indicates Wi-Fi is set to Off.

Wi-Fi SSID: RS_XXXXXXXXXX
Wi-Fi Password: 12345678

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18. Format

⚠ A new micro SD card or previous used in another device must be formatted by the camera. All data on the Micro SD card will be deleted and irrecoverable after formatting, please make a backup before formatting your Micro SD card.

19. Reset

► To restore settings back to factory default.

20. Version

► To read the firmware version.

► The information of Wi-Fi SSID, Wi-Fi password and the APP QR code.

Functions & Features

1. Emergency Lock Current Video

This function allows you to lock current recording video footage immediately, prevent the file from overwriting by new video files.

► During recording, touch screen 🔒 icon to lock current video file. The upper right screen lock icon shows 🔒 in a minute.

☞ After locked video files is transferred to your permanent storage, delete locked videos from SD card to gain recording capacity

2. Switch PiP View (available with Bike Cam)

This function allows you to switch the view of Go RV-3000T and Bike Cam (optional) in PiP (Picture in Picture) views.

► Default in front view camera, press **[Down]** button to switch each view mode.

☞ Bike Cam is an optional weather-proof camera, designed for your motorcycle or use for rear view or blind spot.

2.5A USB port power is required for Go RV-3000T with Bike cam

1. Function Key Operations

[MODE]

Function 1 (Switch Mode): Press the [OK] button to pause video recording then press the [MODE] button to switch the camera mode "Video/Picture/Playback". In picture mode, press the [OK] button to take a picture. In playback mode, press the [MENU] button to delete or protect the video file, press the [UP] or [DOWN] button to select the video/picture, short press the [OK] button to playback video.

Function 2 (Turn Off Screen): Hold the [MODE] button for 2 seconds to turn off screen display.

[UP]

Function 1 (Page Up): Press the [UP] button to use the scroll function in menu settings and playback mode.

Function 2 (Zoom In): Under picture mode, press the [UP] button to zoom in.

[OK]

Hold [OK/⏻] button 2 seconds to power on/off the camera.

Function 1 (Start/Stop Recording): in video recording mode, press the [OK] button to start or stop recording.

Function 2 (Confirm): in menu mode, press the [UP] or [DOWN] button to navigate then press the [OK] button to confirm your selection.

[DOWN]

Function 1 (Page Down): Press the [DOWN] button to use the scroll function in menu settings and playback mode.

Function 2 (Switch Camera View): When the rear camera (optional) is connected to the Go RV-3000T camera, dual cameras display on the screen. Under video recording mode, press the [UP] button to switch between 4 types of view on screen.

Function 3 (Fast Forward): Under playback mode, press the [DOWN] button to fast forward video clip.

[MENU]

Function 1 (Function Settings): Press the [OK] button to pause the video recording then press the [MENU] button to enter the main setting menu. Press the [UP] or [DOWN] button to select the option to be set and press the [OK] to confirm. To exit the menu, press the [MENU] button.

☞ The menu setting methods are the same as in the video, picture and playback mode.

Touch Screen Operations

One Touch To Take A Picture

Touch the camera icon 📷 on screen to take a picture.

☞ The picture mode functions while video is recording.

One Touch Mute the Microphone

Touch the microphone icon 🎤 on screen to mute/unmute audio.

One Touch Stop/Start Video Recording

Touch the ⬤ icon on screen to stop/start video recording.

One Touch Settings Menu

Touch the settings icon ⚙ on screen to setting menu.

☞ When video is recording, touch the ⬤ icon to stop recording then touch the ⚙ icon.

One Touch To Lock Current Video Clip

Touch the lock icon 🔒 on screen to lock current video clip.

☞ All locked video clips have to manually delete from "Event" folder.

Work On Your Videos

Playback Video/Picture on Camera

Press the [MODE] button touch the square box on screen to playback recorded video footages and pictures that saved in different folders.

☞ Emergency locked videos is saved to "Event" folder

Playback/Download Video on Phone

1). Install "Road Cam" APP to your mobile device.

2). Open Wi-Fi on your mobile device and select

Wi-Fi SSID: RS_XXXXXXXXXX

Wi-Fi Password: 12345678

3). Open "Road Cam" APP connect to the camera to view/download/playback video on your mobile device.

Playback Video with GPS Info On PC

1). Install the GXPlayer program from memory card to your computer.

2). Save video files to your computer.

3). Open the GXPlayer program then select the path where your video files has been saved.

1. Copy Videos From SD Card To PC

1). Turn off the camera and eject the memory card.

2). Insert the memory card to card reader and wait for computer to recognize the memory card.

3). There are recorded video files located in "Video" folder.

4). Select and copy video files to your computer. Please follow copy and paste or drag and drop procedure for your computer model.

2. Playback Videos On Computer

Microsoft Windows must set "Windows Media Player" as default player. Mac OS use iMover or other player.

► Double click on desired video file to play video.

3. Link video clips to a stream video

User may utilize any video editing software to link your video clips and make a stream video or movie DVD disk.

► **For Windows User:** Windows O.S. use "Microsoft Movie Maker" or other video editing software.

► **For Mac User:** Open iMovie or use other video editing software supports Mac O.S.

4. Delete a saved video or picture

☞ The camera automatically cycle recording video files (FIFO) and never gets full.

To manually delete saved and locked videos / pictures to spare SD card space can be done by camera or computer.

The videos and pictures are stored into several folders can be found on SD card contents.

► **Event:** contents locked incident videos

► **Video:** "Front" & "Rear" folder content saved videos (camera system automatically overwrites oldest video files in this folder).

► **Photo:** contents photos

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Register Your Product Online

Register your product to receive one year warranty which covers parts and labor fee or replacement at http://www.roadmatedvr.com

☞ Find the product serial number on the box.

Troubleshooting

Problem	Solution
Camera fails to start.	1.Check if power cord well connected. 2.Only the camera plug to the USB port. 3.Remove the SD card from camera. 4.Check if use at least a 2.1A USB port. 5.A 4.5A Car Charger can only plug two USB devices. 6.Remove other devices from USB Port , 7. Press **[OK]** button to power on camera. 8. Reset the camera.
Screen shows "Memory full" message, does not loop record video. Or, not record video	1.Delete all locked video files from "Event" folder. 2.Format memory card by the camera. 3. Memory card has bad sectors, replace with a new memory card.
Can I use computer to format Memory card that is exceeded 32GB?	No. Current Windows or Mac OS only support "FAT32" file system up to 32GB. Please use Go RV-3000T camera to format the memory card before operation.
Automatically stop when recording.	1. Check the power source connection. 2.Set "Motion Detection" to OFF. 3. Format Micro SD card or use another memory card (format SD card by camera).
"File Error" on screen.	1.Micro SD card has bad sectors. 2.Format or replace memory card (format SD card by camera if exceed 32GB).
Unclear video image	1.Clean camera lens with soft cloth. 2.Check if the lens protection film is removed. 2. Clean your vehicle windshield in and out.
How long is the recording time?	It based on the memory card capacity. A 32GB SD card records up to 8 hours loop. And supports up to 256GB for 68 hours loop in H.265 format.
How to RESET the camera?	When the camera is powered on, use a thin paper clip gently pin the RESET hole on the left of LED light for 3 seconds. No need to RESET the camera in general.

For tech Support: Please contact at INFO@ROADMATEDVR.COM

Read or download this user's manual online at the below link.

http://www.roadmatedvr.com/downloads/GORV3000T.pdf

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