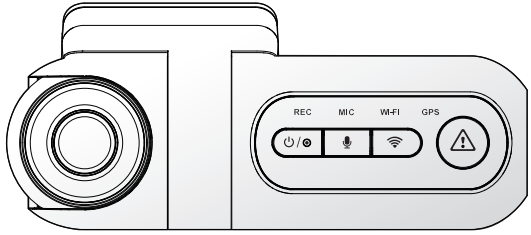
VIOFO

T130

USER MANUAL

The user manual is available on
https://support.viofo.com



V22.3.25

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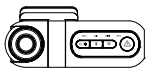
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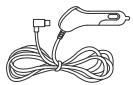
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Product Overview

Standard Items



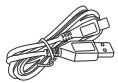
Main Unit



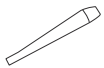
Car Charger Adapter



Card Reader Adapter



Type-C Cable



Trim Removal Tool



Spare Mount Sticky Pads

Windshield Static Stickers x2

Optional Accessories



Rear Camera



Rear Camera
USB Cable (6M)



Circular Polarizing
Lens Filter



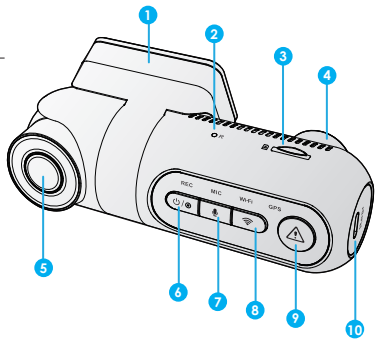
Bluetooth Remote

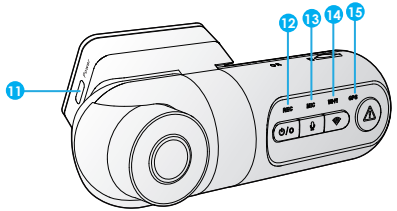


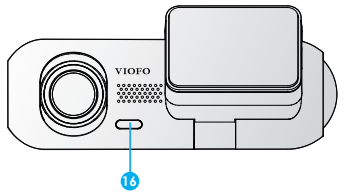
HK4
Hardwire Kit

Product Diagram

■ **Front Camera (Main Unit)**

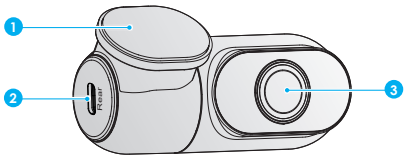






1. GPS Module
2. Reset Hole
3. microSD Card Slot
4. Front Rotatable Lens
5. Interior Rotatable Lens
6. Power On | OFF
   Recording Start | Stop
7. Microphone On | OFF
8. Wi-Fi On | OFF
9. Video Protect
10. Rear Camera Port
11. Power In / microSD Card Reader
    Mode (computer)
12. Recording Status Indicator
13. Microphone Status Indicator
14. Wi-Fi Status Indicator
15. GPS Status Indicator
16. Heat-dissipation Block
    (Don't touch this block)

■ **Rear Camera (Optional)**



1. Bracket 2. Power in 3. Lens

LED Indicators

LED light	LED Status	Behavior
REC	Solid Red	Recording
	Flashing Red	Not Recording Updating Firmware
MIC	Solid Red	Audio Recording On
	Red Off	Audio Recording Off
GPS	Solid Blue	GPS Signal Received
	Flashing Blue	GPS Signal Receiving
Wi-Fi	Solid Blue	Wi-Fi Connected
	Flashing Blue	Wi-Fi on and Waiting Connecting
	Blue Off	Wi-Fi Disabled

Buttons and Icons

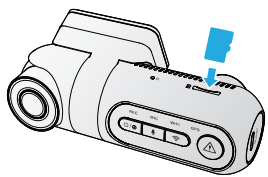
Buttons	Behavior
⏻ / ◉	Long press to Power ON / OFF Click once to start / stop recording
🎤	Click once to disable / enable audio recording
📶	Long press to turn on / off Wi-Fi Short press to enable / disable infrared lights
⚠	Click once can lock the file being recorded Long press to format the card
🎤 + 📶	Hold both buttons to reset the camera to default settings

Installation

1. Inserting / Removing the Memory Card

■ **Insert the Memory Card**

Make sure the metal contacts on the memory card are facing away from the VIOFO logo side of the main unit. Ensure the camera is turned off and push the memory card into the card slot until you hear a click.



Remove the Memory Card

Ensure that the camera is turned off, and then push the edge of the memory card with your fingernail. The card will spring out far enough to be removed.

Note:

• The microSD card is sold separately. The microSD card must have a UHS-U1/U3 or above rating and the capacity up to 256GB.
• We recommend you buy the VIOFO brand memory cards which are manufactured with top-tier MLC NAND flash, making them durable and reliable.
• Please format the card on a computer to the exFAT or FAT32 file system.
• Formatting will permanently erase any data on the microSD card. For best performance, format periodically (after backing up any important files).
• Make sure the metal contacts on the memory card are facing away from the VIOFO logo side of the main unit. Ensure the camera is turned off and push the memory card into the card slot until you hear a click.

⚠ • Please turn off the T130 before inserting or removing the microSD card.
• Inserting or removing the microSD card while recording may destroy the files.

Formatting the Memory Card

Formatting the Memory Card in the Camera

To format the card in the camera, either use the VIOFO App and the format option in the Settings, or alternatively long press the [⚠] button.

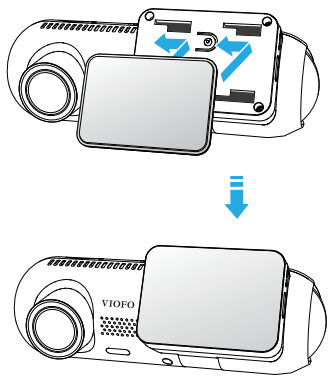
Formatting the Memory Card using a computer

To format the memory card on your computer, follow your computer's user manual.
For deep formatting of the memory card, you can also download the GUIFormat tool from our official website:
https://support.viofo.com/support/solutions/folders/19000019360

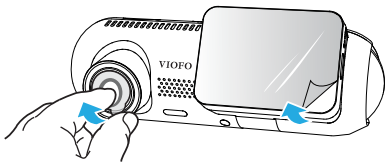
2. Install Front Camera

Install the Mount

1. Insert the clips, then slide the mount horizontally into the slot on the back of camera.

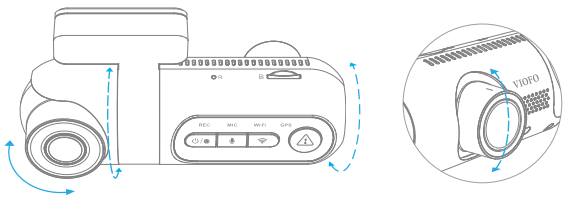


2. Select a location on the windshield behind the rear-view mirror where the camera will not obstruct the driver's view while driving.
3. Wipe clean the installation surface of the windscreen with a dry cloth, it must be grease free for the sticky pad to stick firmly.
4. Peel the protection film off the sticky pad and camera lens.
5. Fix the front camera on the selected location.



6. Adjust the lens angle

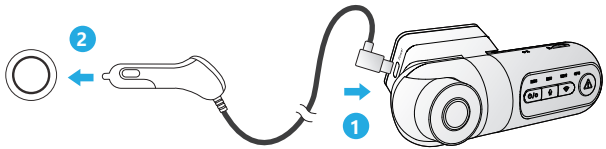
Adjust the angle of the lens up / down if required. The Interior Rotatable Lens can also be rotated left and right.



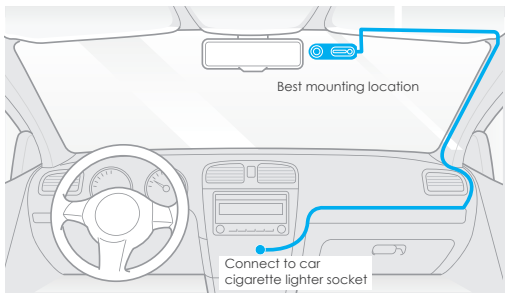
Never try to rotate the lens completely. Cameras destroyed by too much rotation of the lens are out of warranty.

7. Connecting to Power.

Plug the USB power adapter into your vehicle's 12V / 24V female power socket. Insert the car charger USB cable's male port into the camera mount's USB Type-C port.

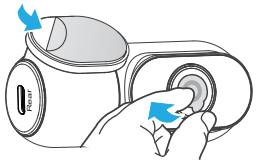


8. Layout after front camera installation and power connection:



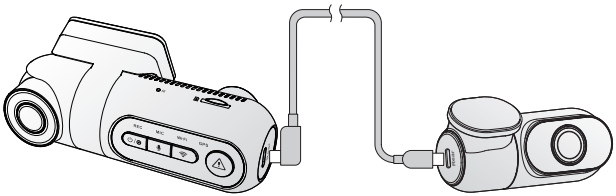
3. Install Rear Camera (Optional)

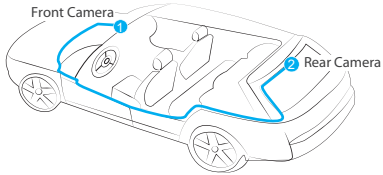
1. Select an installation location.
2. Wipe clean the installation surface of the windscreen with a dry cloth. Select a location on the windscreen, without defrost grid wires, and where the camera can record the entire rear view.
3. Peel the protection film OFF the sticky pad and camera lens.



4. Fix the rear camera on the selected location.
5. Connecting with Rear Camera.

Power off the product and connect the rear camera cable to the front camera (main unit). Cable routing should be as shown in the following two diagrams. Use the cable clips to help fix the two cables conveniently and safely.





5. Remove Cameras

Removing the front camera

To remove the front camera from its bracket, slide the camera to the right and pull the front camera out of the mounting bracket.

Note: When you want to plug and unplug the front camera or rear camera, please turn off the camera first.

Removing the rear camera

Unplug the rear camera cable from the rear camera port and remove the entire mount from the glass.

Tips

1. Do not install / mount the camera in a location that interferes with the driver's visibility and safety.
2. Install / mount the camera close to the rearview mirror so that both sides of the scene being recorded are equally covered by the camera's FOV (field of view).
3. To ensure a clear view on rainy days, the lens should be positioned within the windshield wiper's sweeping range.
4. Do not install / mount the camera on or near airbag panels.
5. Installation / mounting location should not be affected by sun control film (window tint). There should not be any other electronic equipment close to the camera for optimal performance.

Note:
Do not install / mount the camera or cables near an airbag panel or within the airbag's working range. The manufacturer is not liable for any injury or death caused by deployment of the airbag.

Dash Cam Recording Operation

Power On/Off

1. When you start the engine, the camera will turn on and begin recording automatically.
2. When you turn off the engine or unplug the charging cable from the power adapter, the camera will stop recording and turn off.
3. Long press [⏻ / ◉] button to power on or off the camera.

Loop Recording

1. Insert a microSD card into the camera's card slot and automatic loop recording will begin once the camera detects power.
2. Time frame for each video file is 1 / 2 / 3 / 5 / 10 minutes.
3. When there is insufficient space on the MicroSD card, loop recording will automatically overwrite the oldest files (one by one).
4. Loop recording files are saved to SD card: \ DCIM \ MOVIE folder.

Emergency Recording

1. Automatic emergency recording

   When the G-sensor is activated and a collision occurs, current footage will be locked automatically to avoid being overwritten by loop recording.

2. Manual emergency recording

   Pressing the [⚠] button during footage recording will lock current footage to avoid being overwritten by loop recording.

Note:
The collision sensing feature can be adjusted in settings under the "G-sensor" option via VIOFO App. Locked files are saved to SD card: DCIM \ Movie \ RO

Disable / Enable Audio Recording

Pressing the [🎤] button once to turn off / on audio recording, [**MIC**] LED light will be off / solid Red.

Parking Mode

There are three options for parking mode.

1. Auto Event Detection

The camera will automatically record a video sequence while a moving object is being detected during parking mode. It will stop recording when no new movement is detected.

2. Time Lapse Recording

Time lapse record a video at low frames at 1 / 2 / 3 / 5 / 10 / 15 fps, it keeps recording continuously without audio recorded.

Note: Audio cannot be recorded in time-lapse mode.

3. Low Bitrate Recording

This mode records both video and audio using a low bitrate for front, interior and rear views. It records continuously using a small file size.

Note: Parking mode provides surveillance of your parked vehicle only when the engine is off and the USB Type-C Hardwire Kit is used to provide continuous power. The Hardwire Kit also protects your car battery from being drained. We recommend buying the VIOFO HK4 ACC hardwire kit cable for parking mode recording.

Play and Manage Videos

Playback Video on VIOFO APP

Long press the Wi-Fi button to enable Wi-Fi. Connect Wi-Fi on your phone first. Open VIOFO app and choose "Connect your camera" to use your phone to control the dashcam. You can play and manage files through the APP. You can check the app introduction refer to [Review and Control on Smartphone].

Playback Video on PC

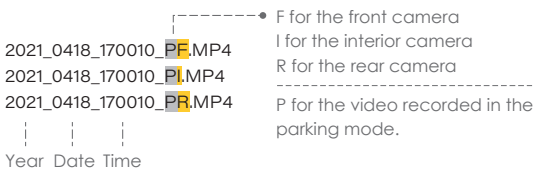
1. Remove memory card from dashcam.
   Before removing the memory card, make sure you have switched off the Dashcam.
2. Insert the memory card into a memory card reader connected to your PC.
3. Open the DCIM folder, using VLC or another video player to playback the video.

Video File Storage Location

Recording Mode	Behavior
Loop Recording (Including Motion Detection)	DCIM \ Movie
Emergency Recoding (Locked Video)	DCIM \ RO
Parking recording (Auto Event Detection / Time-lapse Recording / Low Bitrate Recording)	DCIM \ Movie \ Parking
Snapshot	DCIM \ Photo

File Format Definition

Files recorded by front camera, interior and rear camera are saved separately.



Review and Control on Smartphone

Connect to Smartphone

The VIOFO app allows you to control your camera remotely by using a smartphone. Features include full camera control, live preview, playback and video recording.

- **Android Device**

  Android users can download the app from Google Play, or download the APK directly from our official website: https://www.viofo.com/content/13-app.

- **IOS Device**

  IOS users can download the app from the App store.

Download on the App Store

GET IT ON Google Play

- **Connect VIOFO APP**

  Long press the [ ] button to turn on the Wi-Fi. Wi-Fi name (SSID) of Wi-Fi is VIOFO_T130_XXXX, Wi-Fi default password is 12345678. When the Wi-Fi is on, Wi-Fi Status LED will be flashing blue.

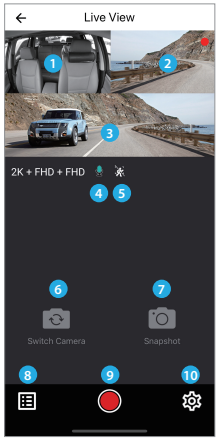
• **Step 1:** Use the phone to connect T130 Wi-Fi. When the phone is connected with the dashcam, the LED lights on the camera shows solid blue.
• **Step 2:** Open VIOFO app and choose "Connect your camera" to use your phone to control the dashcam.
• **Step3:** Now you can see the live view of both cameras. You can change the settings and check the files on the app.

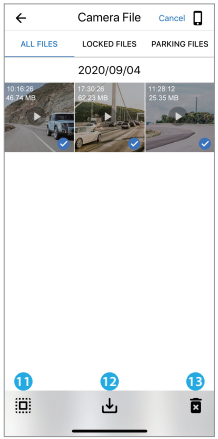
APP Layout Overview

Choosing "Connect your camera" to use your phone to control the dashcam.



1 - Menu
2 - Downloaded Video
3 - VIOFO Official Facebook Page
4 - Official Support
5 - Firmware Update





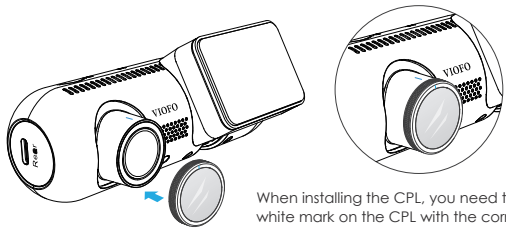
Preview Video

1 - Interior Camera Live Video
2 - Rear Camera Live Video
3 - Front Camera Live Video
4 - Audio Recording Status
5 - Motion detection Status
6 - Switch Camera Video Source
7 - Take a Video Snapshot
8 - Go to Video File Lists
9 - Start / Stop Recording
10 - Go to System Settings
11 - Video File Lists
12 - Download Video Files
13 - Delete Video Files

Install Optional Accessories

Install CPL

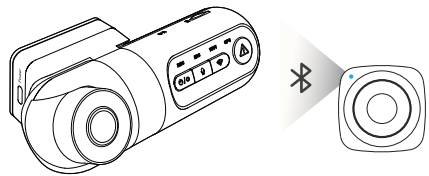
The CPL (Circular Polarizing Lens) can be used to reduce reflections and glare from the window glass and road surfaces that can otherwise damage image quality, this works in the same way as polarized sunglasses, getting more saturated and beautiful video.



When installing the CPL, you need to align the white mark on the CPL with the corresponding mark on the camera.

Install Bluetooth Remote Control

The remote control has an adhesive mount on the back, choose a suitable location on your dashboard to stick it to. Power on the camera and then press the video lock button on the remote control for 3 seconds to pair it with the camera, the LED indicator on the remote will turn blue if successfully paired.



Systems Setting

Camera setup is available in the VIOFO App. Connect the App as above, stop recording, then enter the settings menu.

Video Setting

- **Resolution: Setting video resolution of footage recorded.**
  Front Camera + Interior Camera: 2560 * 1440P 30fps + 1920 * 1080P 30fps
  Front Camera + Interior Camera + Rear camera:
  2560 * 1440P 30fps +1920 * 1080P 30fps + 1920 * 1080P 30fps
  1920 * 1080P 30fps + 1920 * 1080P 30fps + 1920 * 1080P 30fps

- **Time-lapse Recording:**
  Record video from frames captured at specific time intervals to conserve memory and reduce the time it takes to review video. The default is off.

- **Loop Recording:** Off / 1 / 2 / 3 / 5 / 10 minutes.
  Recording will begin automatically after powering on with a microSD card in the device. Each recorded file is up to three minutes long, with old footage being replaced when microSD card storage is full.

- **Recording Audio:**
  Turn on and off the microphone. This can also be changed during recording by pressing the [🎙] button.

- **Exposure:**
  Adjusting the value of the EV (Exposure Value) properly can create better footage under different light sources. It ranges from -2.0 to +2.0. You can adjust the EV for the front, interior and rear camera separately. The default is set at 0.0.

- **WDR (Wide Dynamic Range):**
  On / Off. The dynamic range is the ratio of the brightest portion of the image to the darkest portion of the image. WDR enables the camera to deliver video with a near perfect exposure in varying lighting situations.

- **G-Sensor:**
  The G-sensor measures shock forces and locks the video recorded at the time. The settings from "low to high" determine the amount of force needed to lock the file from being overwritten. We recommend that you set it at low.

- **Date Stamp:**
  On / Off. Imprint the time and date on the recorded video.

- **Bitrate:**
  You can set the bitrate for video. High bitrate may improve the quality and smoothness of the video, especially when recording fast motion or high contrast scenes. Using high bitrate mode may decrease the amount of recording time available on your memory card. Using a low bitrate will save space and record for longer time.

System Setting

- **Wi-Fi Channel:** Off / 2.4GHz

- **Time Zone:** Set the current time zone for GPS time and date calibration. Note: the time zone must be manually adjusted for daylight savings.

- **Time Synchronization:** Time synchronization with mobile phone.
- **Date Format:** You can choose the date format of the camera
- **Boot delay:** The camera will boot # seconds after being powered on. The settings are off / 5s / 10s.
- **IR LED:** Off / On / Auto
  On means IR lights are always on, so the video color is black and white.
  Auto means the dash cam will decide to turn on/off infrared lights with different light condition. Off means the IR lights are all turned off.
  You can also short press [ ] button to enable / disable the IR LED.
- **Parking Mode:** There are 3 options under parking mode:

  ① Auto Event Detection
  The camera will automatically record a video sequence while a moving object is detected during parking. It will stop recording without new movements.

  ② Time Lapse recording
  Time lapse record a video at low frames at 1 / 2 / 3 / 5 / 10 / 15 fps, It keeps recording continuously without audio recorded.

  ③ Low Bitrate Recording
  This mode records video and audio at a low bitrate for front, rear and interior. It records continuously producing small file sizes.

Note: We recommend to buy VIOFO HK4 ACC hardwire kit cable for parking mode recording. The parking recording files name of front camera is Year_Date_Time_**PF, Year_Date_Time_**PI for interior camera and Year_Date_Time_**PR for rear camera.

- **Enter Parking Mode Timer:**
  Set the timer for entering parking mode. (Only for hardwire cable, if you use external battery, this function will work.)
  "OFF" means the camera will enter parking mode right away when the engine is off.
  "90s" means the camera will enter parking mode 90 seconds after engine is off.
- **Parking Recording Duration:**
  "On" means the camera will keep recording until the hardwire kits cut the power supply.
  "1 hour" means the camera will shut down 1 hour after it enters parking mode.
- **Parking G-Sensor:**
  The G-sensor detects significant or sudden movement (such as an impact or collision), it will trigger an event recording. We suggest setting it to High sensitivity in parking mode recording.
- **Parking Motion Detection:**
  Adjusts the sensitivity of the motion detection so minor motion caused by wind or rain doesn't trigger a recording.
- **Image Rotation:**
  Turn the image upside down. You can set the Front, Interior and Rear camera image rotation separately.
- **Notification Sounds:**
  Off / Button beep only / Startup sound only / All on.
  You can enable/disable the button and startup sounds.

- **Voice Notification:**
  turn on / off the voice notification. You can change the language setting through the voice notification language option.
- **Live Video Source:**
  Front camera / Interior camera / Rear camera / All cameras.
- **GPS:**
  Turn on / off GPS logger. A GPS module is used to include the location data in the recorded videos. If disabled, your camera will no longer measure your speed and position; nor synchronize the time / date. (Only available when connecting with GPS signal) Please use "Dashcam Viewer" to playback videos and to visualize your position and speed on your computer.
- **Speed Unit:**
  Kilometer per hour (KMH) and miles per hour (MPH) are available for speed unit.
- **GPS Info Stamp:**
  Imprint the GPS information on the recorded video.
- **Camera Model Stamp:**
  Imprint the camera model on the recorded video.
- **Frequency:**
  Set it to minimize flickering and banding in the recorded video.
- **Format SD Card:**
  The operation will delete all data on the MicroSD card.
  Note: Note: Once you format the card, all information will be deleted and unrecoverable. Make sure you back up all files that you need before formatting.

- **Reset Camera Settings:** Reset all settings to default values.
- **Wi-Fi Name (SSID):** Change Wi-Fi name.
- **Wi-Fi Password:** Change Wi-Fi Password. Wi-Fi default password is 12345678.
- **Custom Text Stamp:** Imprint the custom text on the recorded video.
- **Car License Number:** Imprint the car number on the recorded video.
- **Free Space on Card:** Show the remaining storage space on the microSD card.

Other

- **App Version:** Check the current firmware version of the APP.
- **Firmware:** Check the current firmware version of the camera.

Firmware Upgrade

Follow the instructions on this website to upgrade the firmware:
(https://support.viofo.com/support/solutions/19000101567)

Note:
• Before using a microSD card to upgrade the firmware, formatting the card in the camera is necessary to ensure stable read and write operation.
• Do not unplug or power off the camera during a firmware upgrade, it may cause the camera to subsequently fail to boot.

Notice

FCC Statement
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment o and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.

• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio / TV technician for help.

Caution:
Any changes or modifications to this device not explicitly approved by the manufacturer could void your authority to operate this equipment. This device complies with part 15 of the FCC Rules. Operation subjects to the following two conditions:
(1) This device may not cause harmful interference.
(2) This device must accept any interference received, including interference that may cause undesired operation.

Shenzhen VIOFO Technology Co., Ltd, declares that this Radio Frequency peripheral is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Customer Service

Thanks for choosing VIOFO!
From the date of purchase on, all products are warranted for 12 months and all accessories are warranted for 3 months. VIOFO offers lifetime technical support for all our users. We are committed to making sure that you are 100% satisfied with our products and services.

Product Registration Program

VIOFO also have Product Registration Program to help customers extend warranty by 6 months.
Visit www.viofo.com and register your new product to extend the warranty from 12 months to **18** months.

Your Opinion Matters

If you have any thoughts on how we can do even better, connect with us today at **support@viofo.com.**

Video Sharing

Share videos caught on VIOFO camera with us. Let's enjoy your new found together! Gain a chance to get a mysterious gift at **marketing@viofo.com.**

How to Contact Us ?

- Submit a ticket at support.viofo.com
- Live chat box at www.viofo.com
- support@viofo.com
- www.facebook.com/viofo.world
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- Mon-Fri 9am-6pm