



TECHALOGIC CR-1 Cycle Rear Light With Wide Angle Camera User Guide

[Home](#) » [TECHALOGIC](#) » TECHALOGIC CR-1 Cycle Rear Light With Wide Angle Camera User Guide 

Contents

- [1 TECHALOGIC CR-1 Cycle Rear Light With Wide Angle Camera](#)
- [2 Product Information](#)
- [3 Product Usage Instructions](#)
- [4 Turn on the Camera Wifi.](#)
- [5 Overview of settings below](#)
- [6 Documents / Resources](#)
- [7 Related Posts](#)

TECHALOGIC

TECHALOGIC CR-1 Cycle Rear Light With Wide Angle Camera



Product Information

- The Cycle Rear Light with Integrated Full HD 1080P Wide Angle Camera, model CR-1, is a versatile device that combines the functionality of a rear bike light and a high-definition camera. It is designed to enhance safety while cycling and capture clear video footage or photos of your rides.
- The camera is capable of recording videos in 1080P resolution at 30 frames per second (FPS). It automatically segments the recordings into 5-minute loops and overwrites the oldest files when the SD card is almost full. The camera also supports photo shooting mode, capturing up to 12-megapixel photos at a rate of one photo per second.
- The device features LED light settings that can be customized according to your preferences. It has a built-in Wi-Fi capability, allowing you to connect it to your mobile phone using the RICAM app. The app provides live view monitoring, recording control, photo viewing, and various settings customization options.
- The Cycle Rear Light with Integrated Full HD 1080P Wide Angle Camera offers additional features such as sound recording, motion detection, sensor mirror for rear view usage, loop recording time adjustment, G-sensor sensitivity control, video and photo resolution selection, language settings, wide dynamic range (WDR), light frequency selection, parking monitor, SD card capacity information, and firmware version display.

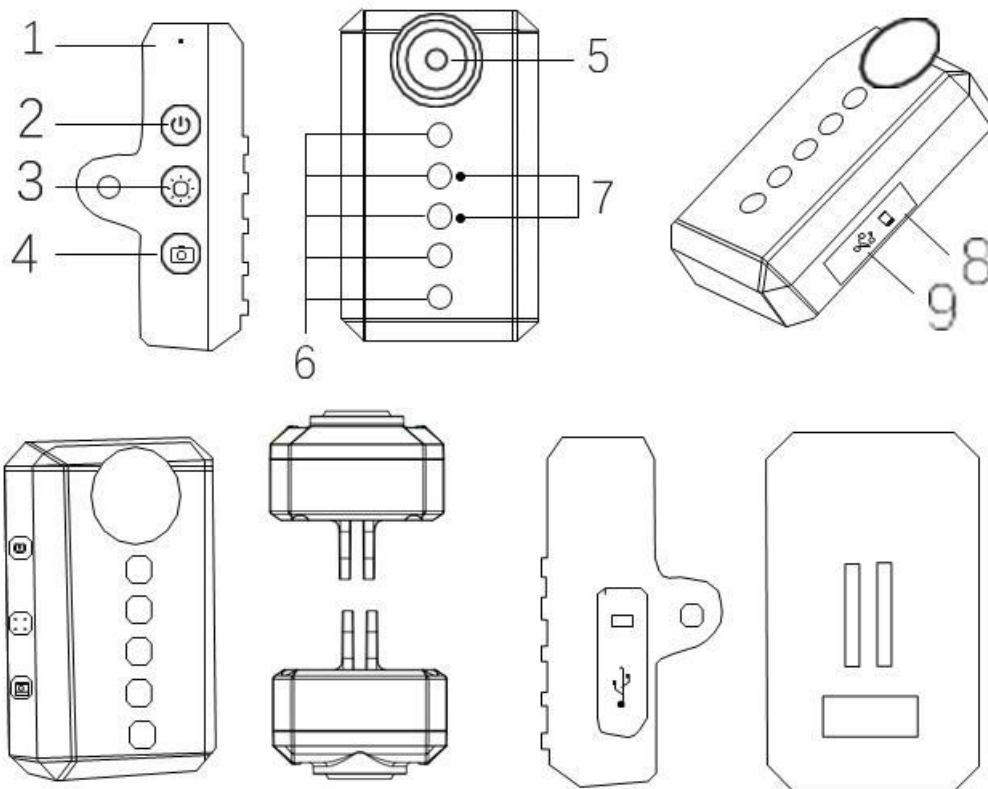
Product Usage Instructions

1. **Charging/Low Battery:** When charging, the top LED will flash for 0.5 seconds. It will also flash when the camera is being used and the battery is low.
2. **Power Off:** Press and hold the power button until you hear 5 beeps. The camera will then power down.
3. **Video Mode:** The camera is set to loop recording by default. It automatically records videos in 5-minute segments at 1080P/30FPS. The recording indicator will flash for 1.0 second when recording.
4. **Photo Mode:** When powered on, the camera enters recording mode. To switch to automatic photo shooting mode, press the camera button twice. You will hear two quick beeps confirming the switch. The camera will

capture one photo per second at the selected resolution.

5. **LED Light Settings:** After powering up, press the light mode button to change the light pattern. This does not affect the current recording or photo function.
6. **App Download:** Download the RICAM app from the APP Store (for iOS) or Google Play (for Android).
7. **Camera Wifi:** With the camera on, press and hold the camera button until you hear two short beeps to turn on the camera's Wi-Fi.
8. **Connect to Mobile Phone:** On your mobile phone, search for a network name similar to "T03_xxxxxxx" and connect to it using the password "12345678". If the network is not visible, refresh your phone's network listings.
9. **RICAM App:** Open the RICAM app on your mobile phone. In the recording instrument section, select the white button to connect to the camera. You will see a live view of the camera with options to start/stop recording, view battery level, enlarge screen size, and more.
10. **Photo Viewing and Saving:** Select "Images" in the app to view all your photos. You can save the photos to your mobile device if desired.
11. **Settings:** To access the settings, select the cog icon in the top right corner of the app. The settings allow customization of Wi-Fi password, sound recording, timing watermark, motion detection, sensor mirror, cycle recording time, G-sensor sensitivity, video and photo resolution, language, WDR, light frequency, parking monitor, SD card capacity, and firmware version.
12. **Charging:** Connect the camera to a USB charging source such as a mains charger or power bank. Charging from a laptop or computer may not fully charge the device. The red LED will flash slowly during charging and turn off when fully charged. It takes approximately 2 hours to fully charge the device from empty.
Note that the camera can be used for video or photo capture while in charging mode.

Cycle Rear Light with Integrated Full HD 1080P Wide Angle Camera Model CR-1



1. Microphone
2. Power Button

3. Light Mode Button
4. Photo Button/Wifi On/Off
5. FHD Camera
6. LED Lights
7. Status Indicators – Charging/Low Battery (Top Led/Red) and Recording (2nd Led/Yellow)
8. Micro SD Card Slot
9. Micro USB Charging Port

Note – Please insert Micro SD Card (Max 128gb) before using

Power On/Off

- **Power ON.** Press and hold the power button to turn the camera on. You will hear 3 beeps when successfully turned on, followed by a further one beep to confirm recording 7. Status indicators.
 - Charging/Low Battery (Top Led/Red) – Will flash 0.5s when being charged and also when the camera is being used and battery is getting low
- **Recording (2nd Led/Yellow)** – This flash 1.0s to indicate recording is in progress
- Power Off. Press and hold the power button. You will hear 5 beeps and the camera will power down
- **Video Mode**

The camera is automatically set to loop recording continuously in 5 minute segments, at a default 1080P/30FPS. Loop recording when the SD card is almost full and automatically overwriting the oldest files. The Recording indicator will flash 1.0s when recording
- **Photo Mode**

When powered on, the camera will automatically enter recording mode. To change it to automatic photo shooting mode (one photo a second), press the camera button twice. You will get two quick beeps to confirm that it is now in photo shooting mode, at about 1 photo per second. Photo resolution is up to 12M, but can be changed in settings.
- **LED Light Settings**
 - After powering up, press the light mode button to change the light pattern.
 - This will not affect the current recording/photo function.
 - There are various different modes to select from, including LED off

Download the App

- APP Store – RICAM
- Google Play – RICAM Pro





Turn on the Camera Wifi.

- With the camera on, press and hold the camera button until you hear two short beeps
- Turn on your mobile phone, and search networks for a name similar to T03_xxxxxxxx. Connect to this network by entering password "12345678" . (If you do not see the network, refresh your phone network listings)
- Click and open the RICAM APP icon on your mobile phone.
- Within Recording instrument select white button to connect camera You will now see a live view of the camera. You can stop and start recording with the round button at the bottom of the page. The red record circle will be flashing in the top left hand corner of then screen when in recording mode.
- You will also see battery level status and also the icon to enlarge screen size to landscape if required Select Videos to review your files. The file name is the date, time. Loop video is all of the standard video files and emergency video files were locked by the G Sensor. (Locked files will not automatically be overwritten by the camera).
- You can select any video file and play on your mobile device by on quick press on the file. If you want to save the video file/s to you mobile and share press and hold the file, you will then see an orange tick appear.. Select the file/s required and press the download arrow (bottom right of screen) and you will now be able to share your saved videos. Note you can also delete files as well if required
- Select Images to view all of your photos. These can also be saved to your mobile device Settings.
- To enter settings select the Cog image in the top right..

Overview of settings below

- **Wifi Name** – T03 etc.....
- **Modify Wifi** Password if required
- **Sound Recording.** Turn sound on/off
- **Timing Watermark.** Turn the date/time off on your recording
- **Motion Detection.** Turn on/off
- **Sensor Mirror.** This will mirror the live view if using as a live rear view mirror
- **Cycle Recording Time.** Loop record settings. 1, 3, 5 or 10 min segments, or turn loop off G Sensor Sensitivity. Off, low medium or high
- **Video Resolution.** 1080FHD, 720P or WVGA
- Photo Resolution. 12, 10, 8, 5, 3M or VGA
- Language. Select required

- WDR (Wide Dynamic Range). On/Off
- Light Freq. Select 50Hz for UK
- Parking Monitor. Off, Low, Middle or High
- Total Capacity of SD Card
- Available Capacity left on SD card
- Restore Factory Settings
- Firmware Version. T04 etc

Charging

- Connect to USB charging (Mains or Powerbank) Will not fully charge connected to any laptop or computer. The red LED will flash slowly when charging and will turn off when fully charged. Appx 2 hour charging time from empty.
- Please note that the camera can be used for video or photo when in charging mode.
- Charge the battery with the supplied charging cable. Do not store at a temperature over 60°C /140°F

Connecting to a computer via USB data cable

Once you connect the camera with a computer via USB cable, the computer will recognise and read the Micro SD card, you can then view the videos, images and download or delete etc

Camera Reset

If camera is not working properly, press the power button and light mode button simultaneously to power off and restart.

Abnormal Prompt

No card, card error, or other abnormalities: (Will beep 3 times in succession).

Low Battery alert: LED lights switch to constant, will beep 5 times, then powers off. Memory on SD card is low and loop record is switched off. The camera will beep 8 times and shut down

Frequently Asked Questions

- **Q Why won't the camera turn on ?**
 - A The battery maybe flat. If not try Reset Function
- **Q Why am I still not getting a "T03_xxxxxxxx WiFi signal?"**
 - A Refresh the network list and try again. Make sure your SD card is formatted, or try another SD card
- **Q Why won't my computer recognise the device?**
 - A Data cable problem. Try another data cable
- **Q My SD card is full. How do I delete the old files?**
 - A The files will get overwritten as it records, except for the "locked" files. Reformat your SD card to delete all files
- **Q Why is the camera showing a reverse image?**
 - A Turn on "Sensor mirror" in the setting, then you may use it as a bike mirror.
- **Q How long does the bike light battery last?**
 - A Appx 4 hours in Led and Recording Mode


Here to Help

- Our friendly customer service team are available to help
- Online Support <https://techalogic.co.uk/support/>
- Tel 0330 2233108

What's in the box

- 1 x Bike Rear Light Cam
- 1 x Mount
- 1 x USB Cable
- 1 x Wipe Cloth
- 1 x User Manual

Documents / Resources

| | |
|---|--|
|  | <p>TECHALOGIC CR-1 Cycle Rear Light With Wide Angle Camera [pdf] User Guide CR-1, CR-1 Cycle Rear Light With Wide Angle Camera, Cycle Rear Light With Wide Angle Camera, Rear Light With Wide Angle Camera, Light With Wide Angle Camera, Wide Angle Camera, Angle Camera, Camera</p> |
|---|--|

[Manuals+.](#)