

TECHALOGIC

USER MANUAL



IPX6 Waterproof



Loop Recording



Mounts Included



Twilight Sensor



WiFi Connection



APP Control



150°
Lens Angle



Warning Lights

CYCLE LIGHT CAMERA

LC-1

PRODUCT OVERVIEW

The LC-1 is a cycle light camera designed to provide 1080p high-definition recordings even at night. With loop recording and a robust 3500 mAh battery providing 4-6 hours use, the LC-1 is ideal for longer adventures. You can check the battery level with the touch sensitive battery status indicator.

The LC-1 safety light emits 90 lumens and features six light modes, including steady, flash, and pulse. The twilight sensor can activate and deactivate the safety light according to lighting conditions. You can override this function simply by turning the safety light on manually. The emergency locking feature is activated if a potential collision is detected to ensure vital footage is not overwritten. The built-in microphone completes the full package of safety features to capture vital evidence.

The included universal mounts allow a greater choice of mounting options and are compatible with Garmin style mounts. The device is fully assembled and can be quickly mounted to the magic strap and installed in minutes.

The LC-1 is IPX6 certified, built to withstand heavy rain and perform in all conditions. The camera supports a maximum 512GB high-speed Micro SD / TF card.

The LC-1 has a built-in WiFi interface that connects wirelessly to your smartphone. It is accessible through a user interface on your smartphone via the Viidure app, available on the Apple App Store or Google Play Store.

PRODUCT FEATURES

Camera Features:

- 1920×1080p @ 30FPS
- 150° Wide-Angle Lens
- Wide Dynamic Range (WDR)
- H.264 MP4 (MPEG-4 AVC)
- Loop Recording
- Built-in Microphone (MIC)

Light Features:

- 90 Lumens
- 6 Light Modes
- Twilight Sensor

Additional Features:

- WiFi Enabled (2.4GHz)
- WiFi Connectivity (2.4GHz)
- Time and Date Stamp
- G-Sensor (Impact Detection)
- Supports Max 512GB TF Card (Sold Separately)
- Quick-Release Mount
- Free App (Viidure)

Box Contents:

- 1 x LC-1 Cycle Light Camera
- 1 x USB Charging Cable
- 1 x Universal Mount Kit
- 1 x USB Micro SD/TF Card Adaptor

PRODUCT INTRODUCTION



Recording Indicator: The blue light flashes when recording.

Charging Indicator: Stays on while charging and turns off when fully charged.

Power Button: Press and hold to turn the device on or off.

Once the device is on, press the power button once to cycle through different light modes, including: maximum brightness, medium brightness, flash, pulse.

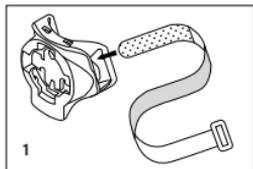
Recording Button: After turning on the camera, press once to start or pause recording.

Reset Button: Press to reboot the device.

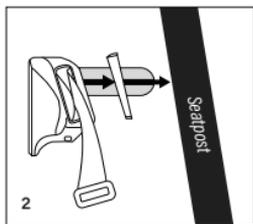
TF Card Slot: Supports Class 10, U3, V30 memory cards from 8GB to 512GB (Not Included). Ensure correct card insertion direction.

MOUNTING

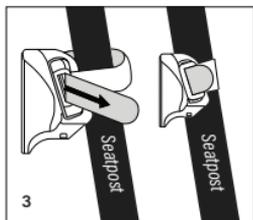
Your LC-1 comes with a seat post mount, allowing you to attach the light securely. Two Velcro straps are included to accommodate both narrow and wide seatposts.



1. Thread either the shorter or longer Velcro strap through the mount and pull it tightly until the strap's closure meets the mount. Ensure that the silicone-coated surface faces the seatpost.

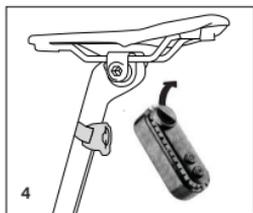


2. Choose the appropriate spacer from the four provided to fit your bike. Place the spacer between the seatpost mount and the seatpost.



3. While pressing the mount against your seatpost, wrap the Velcro strap around the seatpost. Thread the strap's end through the opposite side of the mount and through the rectangular loop on the strap. Wrap the Velcro strap around itself to secure the mount in place.

4. To secure the LC-1 to the mount, align the tabs on the rounded projection at the back of the LC-1 with the slots on the mount. Turn the LC-1 1/8 of a turn clockwise until you hear a click, indicating that the LC-1 has locked into the seatpost mount.



5. To remove the LC-1, simply turn it 1/8 of a turn counterclockwise to release it from the mount. The mount can remain attached to the bike.

Note: The LC-1 must be mounted upright as shown in the illustrations

FIRST USE & PAIRING

Camera Function

1. Fully charge the camera.
2. Insert a suitable memory card into the camera.
3. Press and hold the Power Button (2 seconds) to turn the camera on.
4. Short press (click) the Power Button to toggle through the different light modes.
5. Press the Recording Button once to turn the recording function on or off.
6. Press and hold the Recording Button for 3 seconds to toggle WiFi on or off.
7. Press and hold the Power Button until the camera shuts down.



Google Play



Apple App Store

Pairing & App Connection

1. Download the Viidure app from the Google Play or App Store.
2. Enter your phone settings and select the camera WiFi network: "Techalagic".
3. Enter the WiFi password: 12345678.
4. Open the Viidure app.
5. If the system prompts you to switch WiFi to another connection, click "Keep".
6. Click "Connect DVR."
7. Click "Connect Device," then click "Connect."
8. You can now view your camera and adjust its settings via the Viidure app.

Important Notes:

- The camera's **default setting** is for **loop recording to be ON**. You can **turn this off** in the app settings if required.
- If you find files are being locked but don't want this, you can **turn off the G-sensor function** in the settings.
- **Locked files will not be deleted automatically by the camera**. However, you can **delete them manually** if needed.
- If you see a notification stating "**No internet connection**", this is normal. Your device is connected to the camera and is no longer connected to a WiFi internet connection.

Mobile Data Settings for the Viidure App

After your **initial pairing** of your device to the **LC-1 WiFi network**, follow these steps to adjust the **mobile data settings** for the app:

1. **Turn mobile data "Off"** in your device settings.
2. If **mobile data is left on**, you may experience **connection issues** or **irregular operation** when pairing the camera with certain devices.
 - The app may display a **pop-up message** prompting you to **turn off mobile data**. If this occurs, follow the on-screen instructions to **disable mobile data**.
 - **Important:** After **system updates** to the app or your device, you may need to repeat this action to turn off mobile data again. This is **normal** and should be checked periodically.

Smart light mode

- If you do not manually activate a light mode after switching the device on, the system will automatically activate quick flash mode when a dark environment is detected. Once the environment returns to a well-lit condition, the lights will automatically turn off.
- If you manually activate a light mode, the light status will remain unchanged, even when the light in the environment changes.
- Smart light mode does not change the recording status at any time.

Formatting SD Card:

Format your SD card at least every 2 to 3 months to maintain optimal performance. You can format your SD card using the Viidure app. The app will ask for confirmation before formatting.

Important Notes:

Backup Files:

- Back up any files you wish to keep before formatting, as formatting will delete ALL files on the SD card.

SD Card Lifespan:

- SD cards have a finite lifespan based on the number of times data is written to them. Over time, the card will wear out and need replacing.

High Usage:

- Loop cameras are heavy users of SD cards because they constantly write to memory.
- Some SD cards are more durable than others. Cards labelled as "ENDURANCE" or "HEAVY DUTY" are recommended for longer life.

Card Compatibility:

- SD card performance can vary by brand and batch.
- A card that works in one device may not work reliably in another.

Recommendations:

- For best results, we recommend Viofo or Integral SD cards for use with this device.
- These cards are available on our website.

REVIEWING AND TRANSFERRING FILES

1. Using the Viidure App:

- **Connect the LC-1 camera** to your device.
- Open the app to **view and check recorded files**.

2. Using an SD Card Reader:

- **Turn off the camera** and **remove the SD card**.
- Insert the SD card into a **card reader** connected to your **laptop, desktop, or other device**.

3. Transferring and Editing Files:

- **Files can be downloaded** to any compatible device.
- The **recording format** is compatible with most **mainstream video applications** and **social platforms** for **editing and sharing**.

When we browse the contents of the memory card on a computer, there are three folders on the camera's memory card: **"emr"**, **"norm"**, and **"photo"**.

Emr: This emergency folder stores video files recorded and locked during collisions or bumps. These files cannot be automatically deleted by the device's loop recording feature and must be manually deleted.

Norm: This folder contains videos recorded under normal conditions. When the memory card is full, these files will be automatically overwritten by the device in a loop.

Photo: This folder stores images captured through the app.

Downloading Videos Using the Viidure App

Using the **Viidure app**, you can **download videos** directly to your **smartphone**. If you have a **large number of videos**, it may take some time for the thumbnails to **load** onto your screen.

Initial Loading Delay:

- The video list may **appear empty at first**. Be patient—video thumbnails should **appear within a minute**.

Download Times:

- **Downloading multiple videos** may take longer, depending on the **number of files** and their **size**.
- Remember that the footage is in **high definition** and **file sizes can be large**.

Phone Storage:

- **Ensure sufficient storage space** is available on your smartphone before downloading videos.

Faster Transfers:

- For **multiple video transfers**, we recommend **removing the SD card** and **inserting it into a laptop or desktop computer** for faster access and backup.

Hard Resetting the Device

If an issue is **not resolved** by **changing or formatting the SD card**, you can **reset the device to its original settings**:

1. Insert a **fine-point object** (such as a **paper clip**) into the **round reset hole** located **next to the SD card slot**.
2. **Gently press** the **reset button**.
3. The camera will **reset** and **power on again** automatically.