

TECHALOGIC



MULTI-PURPOSE CAMERA

LC-2 PRO
USER MANUAL



PRODUCT OVERVIEW

Welcome to the Techalogic LC-2 Pro, the next generation of cycle safety and recording. The LC-2 Pro is a multi-purpose light camera designed to capture your journey in stunning 2K QHD resolution, day or night, thanks to its advanced Sony STARVIS image sensor.

With loop recording and a robust 3350mAh battery providing up to 7.5 hours of use, the LC-2 Pro is your reliable witness for every ride. The powerful safety light emits up to 100 lumens and features six distinct light modes to ensure you are seen in all conditions.

For ultimate protection, the integrated G-Sensor detects impacts and automatically locks the crucial video file, ensuring vital evidence is never overwritten. The built-in microphone captures audio to provide a complete record of any incident.

The LC-2 Pro is IP66 weatherproof, built to withstand the elements and perform reliably on every adventure. It connects seamlessly to your smartphone via the built-in Wi-Fi, allowing you to adjust settings, view live video, and download footage through the Viidure app.

PRODUCT FEATURES

Camera Features:

- **Video Resolution:** 2K QHD (2560×1440) @ 30fps (HDR)
- **Lens Sensor:** Sony STARVIS Night Vision
- **Viewing Angle:** 150° Wide-Angle
- **Video Format:** .MP4 (Fragmented, per-second writing for file protection)
- **Loop Recording:** Continuous recording
- **G-Sensor:** Automatic impact detection and file lock
- **Microphone:** Built-in

Additional Features:

- **Wi-Fi:** Built-in for app connectivity
- **App Control:** Free Viidure app for iOS & Android
- **Battery:** 3350mAh (Up to 7.5 hours runtime)
- **Storage:** Supports up to 128GB microSD Card (U3/V30 required)
- **Mounting:** Multi-purpose DIY mounting system included

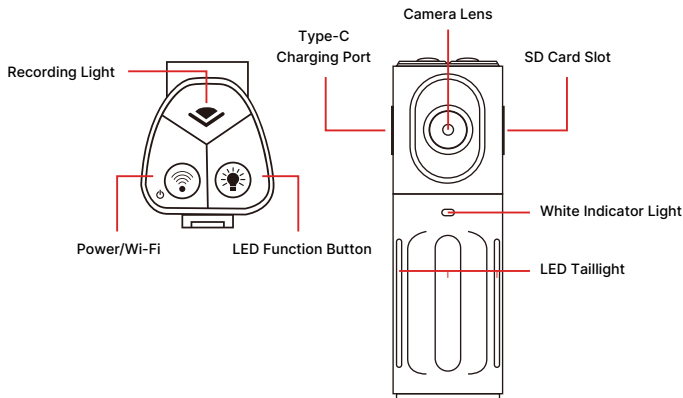
Light Features:

- **Brightness:** High (100 Lumens) & Low (60 Lumens)
- **6 Light Modes:** High/Low settings for Steady/Flash/Strobe
- **White Indicator Light:** You can choose to have white LED illuminated during recording via the app

Box Contents:

- LC-2 Pro Light Camera & Charging Cable
- Assortment of mounting hardware
- Selection of spacers / shims
- User manual

PRODUCT INFORMATION



LED mode/brightness

 Long Press

 Short Click

LED Light ON/OFF

High Solid
Low Solid

High Flash
Low Flash

High Strobe
Low Strobe



- High light 100 lumens
- Low light 60 lumens



Note:

1. The camera will function without being connected to a mobile device. Wi-Fi is only required to access non-critical functions and file transfer.
2. Quality and performance of the SD card is instrumental to the device function. Please refer to the memory card section for further guidance. The vast majority of technical support enquiries are resolved by following memory card requirements.

MOUNTING INSTRUCTIONS

Contents



LC-2 Pro



Allen Key



Type-C Charging
Cable



Silicone Strap

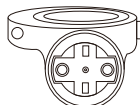


Velcro Strap

Mounts



Pen Clip Mount & Adapter



Garmin Compatible Mounts

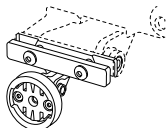


Seat Post Shims / Spacers

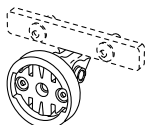


Handlebar Shim / Spacer

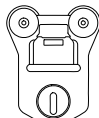
Optional - Sold Separately



Seat Rail



Adapter



Magnetic Mount

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MOUNTING INSTRUCTIONS

The camera features a Garmin-style quarter-turn mount. The mounting options feature a corresponding receiver.

Seatposts (also applicable to other vertical tubes)

- **Prepare the Strap Mount:** Choose your preferred strap (rubber or velcro) and attach it to the main Strap Mount.
- **Select the correct Shim:** Test the included Shims against your seatpost to find the one that provides the snugest fit.
- **Combine Mount and Shim:** Attach the selected Shim to the curved rear of the Strap Mount.
- **Secure to Bike:** Wrap the complete Strap Mount assembly around your seatpost and securely fasten the strap. The mount should be tight and unable to rotate.
- **Mount the Camera:** Align the Garmin-style tabs on the back of the camera with the receiver on the Strap Mount, press down gently, and turn the camera a quarter-turn clockwise until it clicks securely into place.
- **Final Check:** Firmly wiggle the camera and mount. It should feel stable and locked in. To remove, press down gently, turn a quarter-turn counter-clockwise, and lift.

MOUNTING INSTRUCTIONS

Mounting on Handlebars (or other horizontal tubes):

Note: The mount is pre-set for vertical mounting (like a seatpost). For horizontal mounting (like handlebars), you must first rotate the receiver.

- **Rotate the Receiver:**
 - On the **Camera Mount**, loosen or remove holding the Garmin receiver in place.
 - Rotate the mount **90 degrees** (a quarter-turn) in either direction.
 - Place it back down and securely tighten screw.
- **Prepare the Mount:** Select the **Handlebar Pad** (the larger, softer rubber piece) and attach to rear of Strap Mount, seating it snugly in the curved base.
- **Secure to Handlebars:** Choose your preferred strap (rubber or velcro), wrap the complete assembly around your handlebars, and fasten it securely.
- **Mount the Camera:** Align the Garmin-style tabs on the back of the camera with the now-rotated receiver on the mount, press down gently, and turn the camera a quarter-turn until it clicks securely into place. To remove, press down gently, turn a quarter-turn counter-clockwise, and lift.

MOUNTING INSTRUCTIONS

Mounting with the Clip Attachment (for Clothing or Backpacks):

- **Prepare the Clip:** Take the two parts of the Clip Attachment—the Clip itself and the Garmin Style Mini Adapter.
- **Combine the Parts:** Align the Mini Adapter with the base of the Clip and securely fasten them together using the provided screw.
- **Attach to Camera:** This combined clip now functions as a mount. Align the Garmin-style tabs on the back of the camera with the receiver on the Clip Attachment, press down gently, and turn the camera a quarter-turn clockwise until it clicks securely into place.
- **Secure to Gear:** Open the powerful spring-loaded Clip and firmly attach the entire assembly to a backpack strap, chest vest, or other piece of clothing.
- **Final Check:** Ensure the clip has a strong grip and the camera is locked in securely before you begin your activity.

PRODUCT INTRODUCTION

Power / Wi-Fi Button

- **Long press:** Power On/Off
- **Short press (after power on):** Enable Wi-Fi
 - **Red blinking:** Wi-Fi detectable
 - **Solid red:** Connected

Note: Wi-Fi is off by default and will auto-disable after 5 minutes if not connected.

Recording Indicator Light

- **Green blinking:** Recording
- **Green solid:** Recording paused

Note: When low battery, red blinking while recording; red solid when paused (approx. 30 min remaining)

- **Green blinking rapidly:** Emergency File Locking

Note: When battery is low, the Red LED flashes rapidly. This function is off by default and must be enabled via the mobile app.

- **Blue solid:** Charging
- **Blue off:** Fully charged
- **Alternating red/green:** No memory card or card error

LED Light Mode

- **Long press:** Turn LED Light on/off
- **Short press:** Cycle through 6 modes
 - **High brightness (100 lumens):** Steady / Flashing / Strobe
 - **Low brightness (60 lumens):** Steady / Flashing / Strobe

FIRST USE

Step 1: Fully Charge the Camera

Before first use, fully charge the LC-2 Pro using the included Type-C cable and a 5V/2A power adapter. The blue indicator light stays on while charging and turns off when complete.

Step 2: Insert a Memory Card

1. The LC-2 Pro requires a microSD card with a maximum capacity of 128GB and a minimum write speed of U3/V30.
2. Insert the card into the microSD card slot until it clicks into place.

Step 3: Power On and Basic Functions

1. **Power On/Off:** Press and hold the Power Button (1).
2. **Start/Stop Recording:** The camera begins recording automatically on power-up (Green light blinking).
3. **Cycle Light Modes:** Press and hold the LED Light Button (3) to turn the light on/off. Short press to cycle through the 6 light modes.

Step 4: Pairing with the Viidure App

1. Download the Viidure app from the Google Play or App Store by scanning the QR code on the packaging.
2. Power on the LC-2 Pro.
3. Short press the Power/Wi-Fi Button (1) to enable Wi-Fi. The indicator light will blink red.
4. On your phone's Wi-Fi settings, connect to the network: **LC2-PRO_XXXXXX**.
5. Enter the password: **12345678**. The indicator light will turn solid red.
6. Open the Viidure app. You can now view live video, change settings, and download your files.

SD CARD MAINTENANCE AND RECOMMENDATIONS

SD / TF Card:

- **Important:** Before using the camera, insert a formatted card or format the card via the Viidure app.
- **Regular Maintenance:** To maintain optimal performance, format your SD card at least once a month.
- **How to Format:** Connect to the camera via the app, go to [Camera Settings], and select [Format Memory Card].

Important Notes:

- **Backup Files:** Formatting will delete ALL files on the card. Back up any important footage first.
- **Card Lifespan:** SD cards have a finite lifespan. Because loop cameras write data constantly, we recommend high-quality "Endurance" cards. If you experience file errors, it may be time to replace your card.

TROUBLESHOOTING

- **Unable to Record:** Check if the card is full or if it meets the U3/V30 speed requirement. Try formatting the card in the app.
- **Recording Stops:** This is typically caused by a memory card that is too slow. Ensure you are using a U3/V30 card.
- **Blurry Image:** Check that the camera lens is clean.
- **Shaky Video:** Ensure the camera is secured tightly in its mount.
- **App Connection Issues:** Make sure you are connected to the camera's Wi-Fi network and that the indicator light is solid red.

If you need further assistance, please email our support team at info@techalogic.co.uk.