

DVR80

TOOO Cycling DVR80 Bicycle Lamp Camera User Manual

Model: DVR80

INTRODUCTION

The TOOO Cycling DVR80 is a safety rear view camera designed for cyclists. It integrates a high-definition video camera with a bright red tail light, enhancing visibility and providing crucial footage in the event of an incident. This manual provides comprehensive instructions for the proper setup, operation, and maintenance of your DVR80 device.



Image: The TOOO Cycling DVR80 device, showing its integrated camera and tail light.

- TOOO Cycling DVR80 Camera & Light Device
- Charger Cable (USB)
- Universal Mounting Bracket
- Aero Seat Post Adapter
- Strong Ties (for mounting)

BICYCLE LAMP CAMERA



Up to
9.5 Hours



Support
1080P HD Camera



IPX5
Waterproof



tooo cycling™

tooo cycling™
Model: DVR80



Image: The retail packaging for the TOOO Cycling DVR80, illustrating the device and its key features.

1. Charging the Device

Before first use, fully charge the DVR80 using the provided USB charger cable. Connect the cable to the device's charging port and a standard USB power source. The charging indicator light will show the charging status.

2. Inserting the SD Card

The DVR80 requires a Micro SD card (not included) for recording. Use only SDHC Class 10 Micro SD cards. Locate the SD card slot on the device, insert the card with the gold contacts facing down until it clicks into place. Ensure the device is powered off before inserting or removing the SD card.

Note: A 64GB SD card saves approximately 1200 minutes of footage and audio, while a 128GB SD card saves up to 2400 minutes.

3. Mounting the DVR80

The DVR80 comes with a universal mounting bracket and an aero seat post adapter to fit various bicycle seat post diameters.

1. Attach the universal mounting bracket to your bicycle's seat post using the strong ties provided. Ensure it is securely fastened and positioned to allow a clear view behind the bicycle.
2. If you have an aero seat post, use the specialized aero adapter in conjunction with the universal bracket for a secure fit.
3. Slide the DVR80 device onto the mounted bracket until it locks into place.



Image: The DVR80 camera securely mounted on a bicycle's seat post, ready for use.



Image: The universal mounting bracket, designed to attach the DVR80 to various bicycle seat posts.





Image: The specialized adapter for mounting the DVR80 on aero-shaped bicycle seat posts.

OPERATING INSTRUCTIONS

Power On/Off

- To power on: Press and hold the power button until the indicator lights illuminate.
- To power off: Press and hold the power button until the indicator lights turn off.

Recording Video

The DVR80 automatically begins recording HD 1080P video at 30-60 FPS when powered on, provided an SD card is inserted. Footage includes audio. The device records in a loop, overwriting the oldest files when the SD card is full, unless files are

protected.

Tail Light Functions

The integrated 80 lumens tail light can be operated independently or in conjunction with video recording. Refer to the device's buttons for cycling through different light modes (e.g., flashing, steady). The tail light is visible from over 1 mile away.

Crash Detection Technology

The DVR80 features integrated crash detection. In the event of a sudden impact or crash, the device automatically protects the current video file, preventing it from being overwritten. This ensures critical evidence is preserved for law enforcement or insurance purposes.

Accessing and Transferring Files

To view or transfer recorded footage:

- Remove the Micro SD card from the DVR80.
- Insert the SD card into an SD card adapter (not included) and connect it to your computer or mobile device.
- Access the video files (TS/MP4 format) and audio files (AAC format) directly from the SD card.

MAINTENANCE

- **Cleaning:** Wipe the device with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the camera lens and tail light are clean for optimal performance.
- **Water Resistance:** The DVR80 has an IPX5 water resistance rating, meaning it is resistant to water splashes and light rain. Avoid submerging the device in water.
- **Temperature:** The device is designed to operate in temperatures from -20°C to +50°C. Avoid prolonged exposure to extreme temperatures.
- **SD Card Care:** Periodically format your SD card to maintain optimal recording performance and prevent data corruption. Back up important files before formatting.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery; device malfunction.	Charge the device fully. If problem persists, contact customer support.
No video recording.	No SD card; incompatible SD card; full SD card; SD card error.	Insert a compatible SDHC Class 10 Micro SD card. Format the SD card. Check if the SD card is full and transfer files.
Poor video quality.	Dirty lens; low light conditions; unstable mounting.	Clean the camera lens. Ensure adequate lighting. Securely mount the device to minimize vibrations.
Tail light not working.	Low battery; light mode off.	Charge the device. Cycle through light modes using the dedicated button.

SPECIFICATIONS

Model Name: DVR80
Video Capture Resolution: 1080p (HD)
Frame Rate: 30-60 FPS

Battery: Lithium-ion 2500mAh 3.7V 9.25Wh

Battery Life: Up to 9.5 hours recording

Tail Light Brightness: 80 Lumens

Water Resistance: IPX5

Operating Temperature: -20°C to +50°C

Lens Angle: 105 degrees (wide angle)

Supported Memory: Micro SDHC Class 10 (up to 128GB)

Video Format: TS/MP4

Audio Format: AAC

Connectivity: USB

Weight: Approximately 2.26 ounces (64 grams)

Dimensions: Refer to product images for detailed measurements.



Image: The DVR80 device with approximate dimensions indicated for reference.

WARRANTY AND SUPPORT

The TOOO Cycling DVR80 comes with a **2-year warranty**. For any product inquiries, technical assistance, or warranty claims, please contact the after-sales service. Service is based in the USA for the Americas and in France for Europe & the UK. Please refer to the official TOOO Cycling website or your purchase documentation for specific contact details and the full warranty policy.