FLY6

Fly6CE601 Instruction Manual

CYCLIQ

cycliq.com

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What you get

What's in the box

1 x Fly6 CE601

1 x Seat post mount

1 x Standard Velcro seat post strap

1 x Aero Velcro seat post strap

1 x 7.5° Rubber spacer

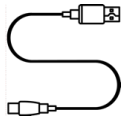
1 x 0° Rubber spacer

1 x Narrow aero adapter

1 x Wide aero adapter

1 x Quick start guide

1 x Safety information and warranty sheet



1 x USB to USB-C cable

1 x Safety tether

Functions

- Full HD video and audio recording
- Multiple light modes
- Looping recording for set and forget use
- Incident protection technology
- 6-axis image stabilisation
- Home safe mode
- Bike alarm
- Idle mode
- Audio recording
- Ultra-wide viewing angle
- Audible status alerts
- Bluetooth and ANT+ connectivity

Changing your Fly6 settings

Most of the primary functions of the Fly6 can be controlled using the buttons on both sides of the device.

Summary

1. On the Fly6 device
   All primary functions can be accessed using the two buttons on the device.
2. On the CycliqPlus mobile app
   There are other settings and features that are only accessible via the CycliqPlus mobile app (iOS and Android). Please download this from the App Store or Google Play.
3. On your PC or Mac
   This option offers similar functionality to the CycliqPlus mobile app. It is accessible on your PC or Mac when you plug your Fly6 into your computer using the supplied USB cable. Alternatively insert your microSD card into your computer's microSD card reader.

Attention: Garmin users, an important note.

You can use your compatible Garmin bike computer to adjust some functions of the Fly6. Our CycliqPlus Connect app (different from the CycliqPlus mobile app) will allow you to change light modes, flashing sequences, check the battery level of your Fly6 and turn the device on and off from your Garmin bike computer. See Garmin Connect IQ on page 21.

To download our CycliqPlus Connect app, go to apps.garmin.com or visit Connect IQ via your Garmin device.

Important: registering your Fly6

We strongly advise that you register your Fly6 with Cycliq. Once registered, you'll receive any notifications of new software or firmware updates, new features and user tips. Registration also speeds up the process should you require assistance with technical support or warranty queries.

To register your device, either visit cycliq.com/register, or use the CycliqPlus mobile app.

Read this before your setup your Fly6 CE601

Disclaimer

Fly6 CE601 is designed specifically to be used as a rear 'tail' light with video and audio recording capabilities for bicycles. While every effort has been made to ensure it will fit most bicycles on the market, it may not fit all bicycles, depending on how the set up.

Please note that Cycliq, its subsidiaries and affiliates, and its distributors are not liable for any consequential damages arising from any malfunction of the device, including memory cards.

Warning against copyright infringement

The images recorded with this camera are intended for personal use. Do not record images that infringe upon copyright laws without the prior permission of the copyright holder. Please be advised that in certain cases the copying of images from performances, exhibitions, or commercial properties by means of a camera or other device may contravene copyright or other legal rights even if the image was shot for personal use.

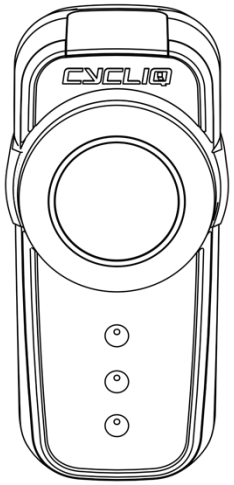
Safety, operating and care information

Following is important information which relates to the safe operation and care of your Fly6. For more information, please read your 'Safety Information & Limited Warranty Guide' contained in your accessory box or visit cycliq.com for more information.

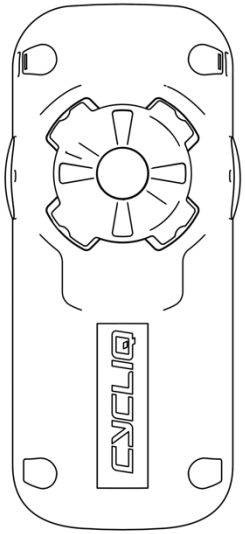
Caution

- Warning! No modification of this device is allowed.
- The Fly6 is not a toy: children should not play with the device.
- Do not look directly at the LED lights when operating.
- Do not immerse the Fly6in water or any other liquid.
- Avoid dropping or knocking the Fly6 in any way.
- Pay attention and care when closing the waterproof port door. Please ensure it is closed completely prior to operation.
- No liability can be accepted for any damage caused by non-compliance with these instructions or any other improper use or mishandling.
- The Fly6 has a lithium ion battery. When disposing of this, it should be done in compliance with the laws, rules and regulations of your relevant local authorities.

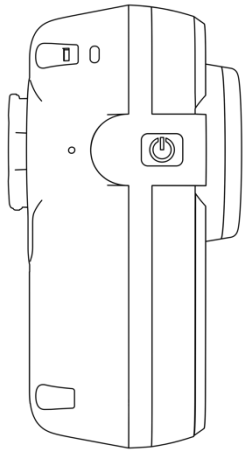
Fly6 Layout – Front



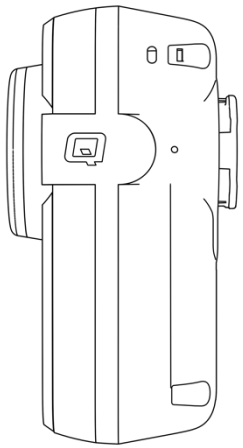
Fly6 Layout - Back



Fly6 Layout – Side



Fly6 Layout – Side



Fly6 Layout – Top (flap closed)

Fly6 Layout – Top (flap open)

Setting up your Fly6 CE601

Charging the battery

Your Fly6 comes partially charged. Before using it for the first time, please charge the device fully.

To charge:

1. Connect your device to a USB wall charger (not supplied) using the supplied USB cable.
2. The charge indicating light will illuminate showing that the device is charging.
3. When the device is fully charged the LED will illuminate green.

You can charge your Fly6 using the USB cable provided and your computer, however this will significantly reduce the rate of charge. For the quickest charge, use a wall USB charger with a capacity of 10w 5V 2.0A.

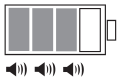
Note

Fly6 CE601 is 'Fast Charge' compatible and accepts up to 2.1 amps. Accordingly, the time to charge from flat to fully charged varies from 2 to 6 hours depending on the method of charging, i.e. mains power USB at 2.1 amps (not supplied) or computer USB (at as little as 0.5A). For maximum battery life, fully discharge the battery before re-charging. Battery life will diminish over time and charge cycles.

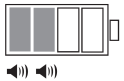
Battery Level Indicator

When turning on your Fly6, an audible battery status will sound, alerting you to the current battery level. This will indicate whether you have enough power for your next ride. See below for audible notification guide:

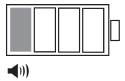
4 Beeps
75% to <100% charged



3 Beeps
50% to <75% charged



2 Beeps
25% to <50% charged



1 Beeps
10% to <25% charged

3 Loud Long Beeps, then beeps every 5 seconds
<10% Charged

Feature: Cycliq HomeSafe™ function

Should your battery deplete to beneath 10% capacity during your ride, 3 long beeps will sound. This indicates the camera on Fly6 has turned off (saving power), however the light will continue to function for a further 1.5 hours (approximately). See Cycliq HomeSafe™ function on page 26.

Formatting your microSD card

Before you use a microSD card for the first time, you will need to format the card. We recommend doing this through the CycliqPlus mobile app. It can also be done on PC or Mac.

To watch a video on how to format a microSD card on PC or Mac, visit cycliq.com/sdcard.

Inserting and removing microSD card

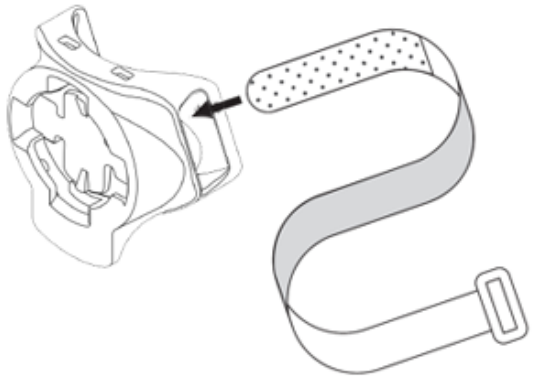
Your Fly6 is unable to record without a compatible microSD card installed. Insert a compatible microSD card into the microSD card slot of your Fly6 device and press in gently until locked in place.

To remove your microSD card, gently press down on the SD card until it releases from the microSD card slot.

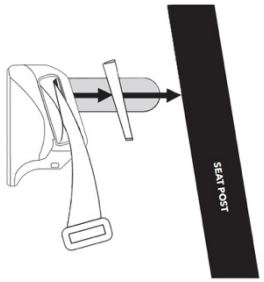
Mounting your Fly6

Your Fly6 comes with a seat post mount that features the Cycliq Quick Release System™. The seat post mount is a strong, secure and reliable mounting mechanism. It is attached to the seat post using one of two different Velcro seat post straps that allow for its use on traditional, or aero seat post configurations.

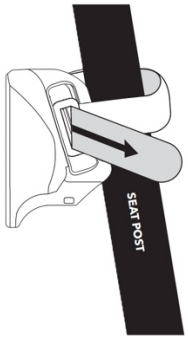
1. Insert either the standard or aero length Velcro seat post strap and pull all the way through until the clasp meets the seat post mount, ensuring silicon-coated surface is facing outwards to grip your seat post.



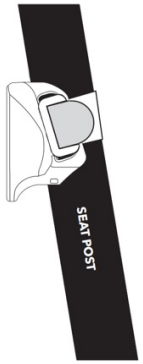
2. Select the appropriate spacer or adapter for your bike if required (0^{o} or 7.5^{o} spacers, and narrow or wide aero adapters). Place the spacer or adapter between the Fly6 seat post mount and the seat post. Choose the spacer or adapter that makes the Fly6 sit as vertical as possible for the best field of view.



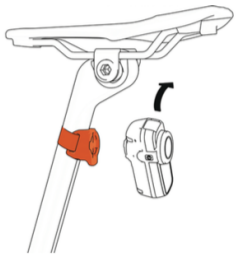
3. While holding the seat post mount against your seat post, wrap the Velcro seat post strap around the seat post and pull through the slot at the other end of the Fly6.



4. Pull Velcro strap tight, checking the seat post mount is secure.



5. Insert Fly6 into the mounting unit at a 45° angle, and complete a 1/8th turn until the device clicks into an upright position. A distinctive ‘click’ sound confirms the unit has been locked in place.



You can easily remove Fly6 from your bike by removing it from the seat post mount with a 1/8th turn. You can leave the mount on your bike for next use.

Using your Fly6

Turning on your Fly6

Press and hold the power button for approximately 1 second until the rotating LED bezel illuminates and the 'power on' chime is heard – then release. Power level 'beeps' will sound, signalling the battery status (see page 14 for Batter Level Indicator).

Turning off your Fly6

Press and hold the power button until the power off chime is heard. Power level 'beeps' will sound, indicating the battery status (see page 14 for Batter Level Indicator).

Light mode settings

There are three light modes and three light dimming options:

- Light modes: Constant, Flash, Pulse and OFF. Toggle these using the power button.
- Dimming options: High, Medium, Low and OFF. Toggle these using the Q button.

Light modes can be accessed and customised via the CycliqPlus mobile app or via your PC or Mac.

Note:
There is also a 'Light Off' mode so you do not have to always have a light on. This is the default mode at power on out of the box. To maximise battery life, select a dimmer flashing setting and turn off your Fly12 when not in use. Your light settings will be remembered when the device is turned OFF/ON. Consider bicycle light regulations in your area when setting your light functions.

Visual and Audio Alerts Summary

LED	**Function**
Solid GREEN	100% charged
Solid RED	0-99% charged
LED OFF	No operation

Sound	**Function**
4 Beeps	75% to 100% charged
3 Beeps	50% to 75% charged
2 Beeps	25% to 50% charged
1 Beep	10% to 25% charged
3 Loud long beeps	Less than 10% charged
2 Rapid beeps every 5 seconds	MicroSD card error/no card
3 Rapid beeps when triggered	Incident protection
Alarm beep	Alarm beep
Short beep	Recording alert interval
1 Beep every 60 seconds	Low battery mode

Audio Settings

The Fly6 has a stereo microphone which records sound in high quality. It also has a speaker which is used for audible alarms and alerts.

Volume levels:

The audio volume of the speaker can be set from levels 1-5.

Audible alerts:

A recording alert notification can be set which provides a confirmation chime at 3, 5, and 10-minute intervals to notify you that your Fly6 is still recording video footage. This is particularly useful as you can't see the rotating bezel whilst riding. This alert can also be turned off.

The recording alert notification and volume of the audio can be set using the CycliqPlus mobile app or via your PC or Mac.

Airplane mode

Airplane mode turns off all device signals rendering it compliant for airline travel.
To activate press and hold the power button and Q button simultaneously until the power off alert is heard.

Garmin Connect IQ app – CycliqPlus Connect

Your Fly6 is fitted with ANT+ which allows you to adjust some functions using a compatible Garmin bike computer. You can then:

- change light modes and flashing sequences;
- see the battery level of your Fly6; or
- turn your Fly6 device on and off.

To download the CycliqPlus Connect app, go to apps.garmin.com or visit Connect IQ via your Garmin device.

Features

Video Resolution

Fly6 is equipped with a Full HD camera. It has a 135° viewing angle providing an ultra-wide view of what's going on behind you. There are three video resolutions to choose from. More power will be used with higher resolution settings.

Video resolution

Video	Frames per Second	Screen Resolution
1080p Full HD	60	1920x1080 16:9
1080p Full HD	30	1920x1080 16:9
720p HD	60	1280x720 16:9

The resolution of your recorded video can be adjusted using the CycliqPlus mobile app or on your PC or Mac.

Electronic Image Stabilisation

6-axis electronic image stabilisation (EIS) provides enhanced image smoothness regardless of the terrain or surface you're riding on. This allows your device to record smoother video in greater detail.

Electronic Image Stabilisation can be turned off via the CycliqPlus mobile app or via your PC or Mac.

Looping Function

Your Fly6 is designed as a ‘set and forget’ cycling accessory. By default, the footage is set to record on a ‘continuous loop’, so you don’t have to worry about running out of storage space on your microSD card. Footage will be recorded onto your microSD card until there is no more space left, then it starts recording over the oldest footage.

Any locked footage saved by the Fly6 Incident Protection function (see page 24) will not be overwritten by this looping function.

The looping function cannot be turned off. This ensures that you do not forget to record your ride.

If you want to keep your ride footage, simply transfer it onto your PC or Mac.

The amount of video footage that your microSD can hold is dependent on the device resolution and framerate settings, as well as the size of your microSD card.

Note

A compatible Class 10 microSD card is required for this device (see cycliq.com/sdcard).

Incident Protection Function

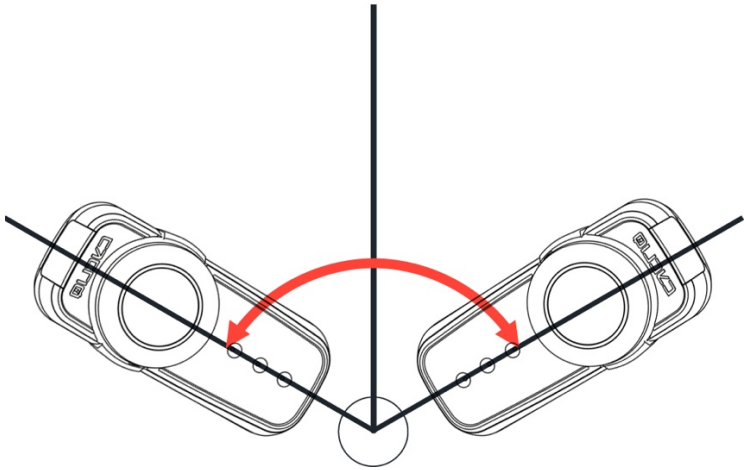
The Fly6 has been designed to save footage from major incidents without being recorded over and without you having to do anything.

Incident Protection is activated when the Fly6 is tilted more than 60^{o} from the vertical (or 30^{o} from the ground) for more than five seconds. If this happens, your Fly6 will lock the current and immediately preceding video segment, and will then trigger a program that will shut down the device after 30 minutes.

The amount of video footage captured per segment can be set at 5, 10 or 15-minute segments. See Video Segment Length on page 29.

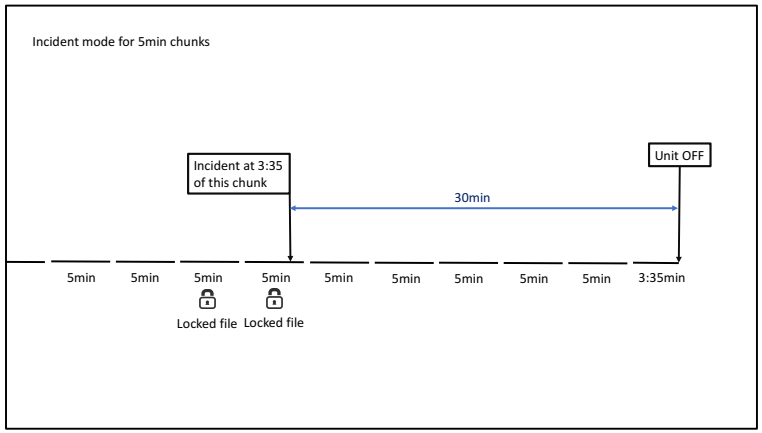
If your Fly6 tilts over 60 ^{o} from the vertical for more than five seconds and you don't want the incident protection program to be activated and turn off your device after 30 minutes, do one of two things:

1. Turn off, then turn on your device and use normally; or
2. When the 3 long beeps sound (indicating your device is shutting down) you should turn your device back on and use normally.

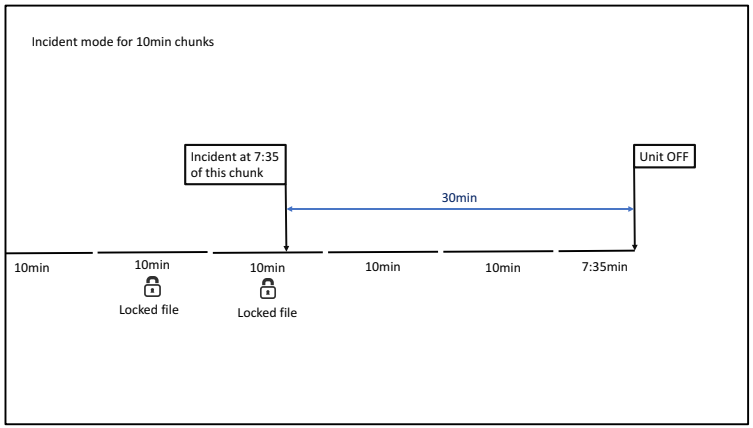


The following diagrams show what happens when the Incident Protection function is activated.

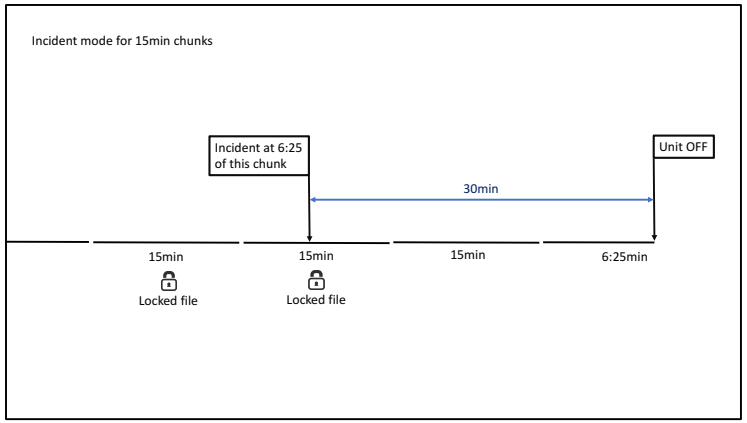
5 minute segment, incident protection



10 minute segment, incident protection



15 minute segment, incident protection



The Incident protection function can be turned off via the CycliqPlus mobile app or via your PC or Mac, however this is not recommended.

Cycliq HomeSafe™ Function

Your safety is our number one priority. When your battery is running low (under 10% capacity), the Fly6 can manage the available battery capacity by turning off your camera and leaving the light to function normally.

If the HomeSafe Function is activated, the Fly6 will sound three long beeps and the camera will turn off – but your light will continue to function for approximately 1.5 hours.

Bike Alarm

The Fly6 bike alarm can be activated via the CycliqPlus mobile app. Once activated, if your Fly6 is moved (including if your bike is moved while the Fly6 is attached), it will sound an alarm and the lights will begin to flash and the camera will start recording. You will receive an alert notification on your smartphone via Bluetooth *(if you are in Bluetooth range)*.

The bike alarm can be turned off (if you are in Bluetooth range) via the CycliqPlus mobile app or via your PC or Mac.

Manual over-ride of bike alarm

If the alarm is active but cannot be stopped, press both the power button and Q button until the alarm stops. This normally takes around eight seconds.

Idle Mode

If this mode is active, the Fly6 turns off automatically after sensing no movement for 15 minutes. You can turn the Fly6 back on as you normally would when you return to using it.

Idle mode can be disabled using the CycliqPlus mobile app or via your PC or Mac.

Cycliq Quick Release System™

The Fly6 can be easily and quickly mounted and removed from your seat post mount using a secure 1/8th turn. This system is compact, robust, and allows greater flexibility with the mounting requirements of different bike types.

To find compatible Cycliq mounting systems, see cycliq.com/mounts.

Nanotechnology

We've used ground-breaking nanotechnology on the inside and outside of your Fly6 to protect it from the elements. This process modifies the entire surface area of the circuitry at a molecular level, permanently leaving your device in a hydrophobic state. This should greatly enhance the longevity of your Fly6 device. It is engineered to comply with the IP56 standard, but please be aware that your Fly6 is **not waterproof**. You should still take care to ensure the Fly6 port door is firmly and correctly sealed.

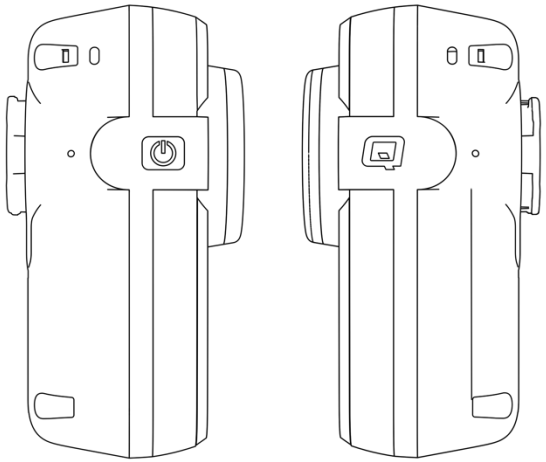
Garmin Connect IQ app – CycliqPlus Connect

If you have a compatible Garmin bike computer, you can change light settings, turn your Fly6 off and on, and check your battery level while you're still riding and without touching your Fly6.

To download the CycliqPlus Connect app, go to apps.garmin.com and follow the instructions.

Master Reset

If a master reset is required, press and hold the Q button (for approx. 12 seconds) until you see the three lower LED’s turn off, then release.
Note: the rotating bezel will continue for approx. 10 seconds after the reset has occurred.



Warning
DO NOT complete a Master Reset when the unit is in the process of completing a firmware update as this may damage your Fly6.

Using Your Footage

Accessing your footage

After your ride, you can access your footage in two ways:

1. Connect your Fly6 directly to any PC or Mac using the supplied USB cable.
2. Remove the microSD card and read data using your PC or Mac.

Video segment length

Footage is saved in chronological order in 5, 10 or 15-minute segments in MP4 format, with each segment creating a separate file. Smaller files mean that your PC or Mac memory is not compromised by hosting multiple large files. The table below gives an indication of approximate file size per segment length:

Segment Length	Approx. File Size
5 minutes	850 MB
10 minutes	1.7 GB
15 minutes	2.55 GB

Video segment length can be changed using the CycliqPlus mobile app or your PC or Mac.

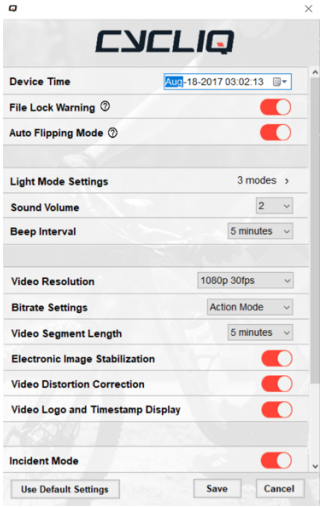
Editing footage

You can edit the footage from your Fly6 device using the CycliqPlus desktop video editing program. From here you can easily edit your videos, overlay Strava metrics and share highlights from your ride.

Go to cycliq.com/software to download the CycliqPlus video editing program.

The CycliqPlus mobile app

All Fly6 settings can be managed using the CycliqPlus mobile app - available for iOS and Android.



Time and date setting

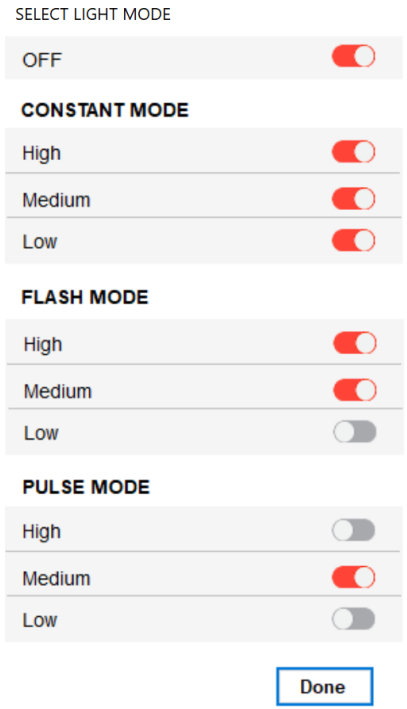
Your footage is automatically stamped with time and date information from your smartphone when connecting to the CycliqPlus mobile app. Alternatively, you can manually input your time via your PC or Mac settings.

File Lock Warning

This feature triggers a pop up and audible alert on your CycliqPlus mobile app if more than 50% of your memory card is locked by saved video footage

Light Mode Settings

This function allows you to select a range of light and dimming modes, and only these settings will be available on your Fly6 when in use.



Audio settings

Sets the volume of the audible alerts on your device. There are five sound volume levels, or you can set to silent.

Audible alerts

This is used to remind you that the Fly6 camera is recording. You can set the recording alert interval to sound every 3, 5, or 10 minutes, or you can disable it.

Video Resolution

The resolution of the video that your Fly6 records is adjusted using these settings.

Video Segment Length

Video segments can be set to be recorded at 5, 10 or 15-minute segments by using this button.

Electronic Image Stabilisation

The Fly6 model has 6-axis image stabilisation. This function can be disabled with this button.

Video Logo and Timestamp Display

This feature can be toggled on and off by using this button.

Idle mode

This feature can be toggled on and off by using this button.

Bike Alarm

This feature can be toggled on and off by using this button.

Join the Cycliq Community

We love being part of the global cycling community, and hope to improve the safety of everyone on the road. We're active on social media and if you use Strava, we welcome you to join the Cycliq Strava club and ride with our members from around the world (you can compete in challenges and be in the running to win some awesome prizes!).

YouTube

Instagram

Facebook

Twitter

Strava

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Technical Data

Product Description
Rear full HD bicycle camera & safety light

Model
Fly6 CE601

Power Source
Rechargeable Lithium ion Battery

Battery Size
3200mAh (approx. 7 hours in camera only mode)

Watt Hours
11.84wh

Voltage
3.7v

Ingress Protection
IP56

Operating Temperature/Humidity
0-45°C (32–113°F)

Storage Temperature/Humidity
0-45°C (32–113°F)

Weight
Approx. 110 grams (3.88 oz)

Federal Communications Commission (FCC) compliance statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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 off 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.

Industry Canada (IC) compliance statement

This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:

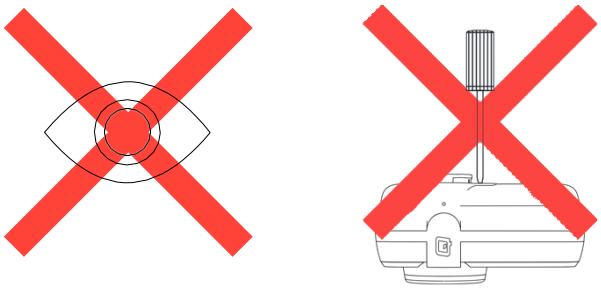
(1) this device may not cause interference; and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage
radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Note

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

Limited warranty



For comprehensive warranty information refer to www.cycliq.com/warranty.

Cycliq customer support

Please go to support.cycliq.com for further information and support.

Caution

Cycliq recommends the following:

- Do not look directly at the light.
- Do not leave the light on when not in use.

CYCLIQ

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