

## GoPro Camera Guidance

Ensure Wireless Connections are enabled in your GoPro camera's settings. This allows the Apture RemoteGP to connect to the camera when it is in sleep mode.

Once enabled, the wireless connections will remain active unless one of the following conditions occurs:

- The camera has been asleep for longer than 8 hours.
- The camera's internal battery is replaced.
- USB power is removed during the time the camera is in sleep mode.

The RemoteGP cannot connect to a camera if the camera's wireless connections have been turned off. To switch a camera's wireless connections back on, do one of the following actions:

- Manually turn the camera on using its power button
- Connect USB power to the camera (this wakes up the wireless connections without the camera exiting sleep mode)

It's recommended to double-check your RemoteGP can connect to all cameras; at the start of the event, after pairing a camera, after replacing a battery, or after your cameras have been asleep for longer than 8hrs. This will ensure the RemoteGP is ready to go when you need it.

## HiLight Tags

HiLight tags allow you to mark specific moments in your video as you are recording. This lets you quickly find those moments when you are watching the video – via the camera screen, GoPro Quik app, or a video viewing application such as VLC Media Player.

Examples of HiLight Tag use:

- **Rally stage reconnaissance** – use HiLight tags to mark moments in the stage that need to be reviewed for note changes.
- **Rally stage use** – Have a “mark” button to tag moments in the stage during competition that need reviewed later.
- **Lap markers** – use the output of a lap beacon to drop a HiLight tag at the start of each lap. The result is a video with preconfigured lap markers ready for post-race analysis.
- **Fault finding** – use HiLight tags to mark the point in the video that an alarm is generated. Allows quick alignment of data to video.

**Note:** HiLight tags are turned off in the factory shipped settings, go to PC Configuration to enable them.

## PC Configuration

Apture RemoteGP is user customisable to suit different vehicle and user preferences. The Apture PC Configuration Tool allows changing of the settings in the RemoteGP from the factory supplied defaults.

To adjust the RemoteGP settings first download the PC Configuration Tool from [aptureace.com/downloads/](http://aptureace.com/downloads/). Then, install the software and connect the RemoteGP to a PC using a standard USB-C cable (not supplied). See full Users Manual for detailed configuration instructions.

# Apture RemoteGP

Quick Start Guide

Scan to download the user manual, or head to:  
[aptureace.com/downloads/](http://aptureace.com/downloads/)



Contains FCC ID:X8WBT840

## Camera Status LEDs

Status	LED Colour
Camera Connected & Ready	Green Flashing (2s period)
Camera Connected with Warning	Orange Flashing (2s period)
Camera Recording	Green
Camera Recording with Warning	Orange
Camera Recording and Record Stop Delay Active	Green Flashing (Double)
Camera Recording and Record Stop Delay Active with Warning	Orange Flashing (Double)
Camera Error	Red Flashing (2s period)
Scanning for Camera	Blue Flashing (2s period)
Connecting to Camera	Blue
Scanning Timeout	Blue / Red Flashing
Idle with Paired Camera (On Record Request connection mode only)	Green Flashing (4s period)
Pairing Mode Active	Yellow / Yellow Flashing (for selected slot)
No Paired Cameras	Yellow Flashing (LED 1 only) (4s period)
USB Connected	White (LED 1 only)
CAN Error	Purple Flashing (LED 3 only) (2s period)
Low battery voltage	Red slow flashing (LED 3 only) (4s period)

## Product Overview

Apture RemoteGP is a professional motorsport camera controller allowing control of up to three GoPro cameras. Amongst other features, it has the ability to control recording, display warnings and communicate on CAN bus. This quick start guide covers only a basic overview of features, to understand the full functionality scan the QR code overleaf to download the full users manual.

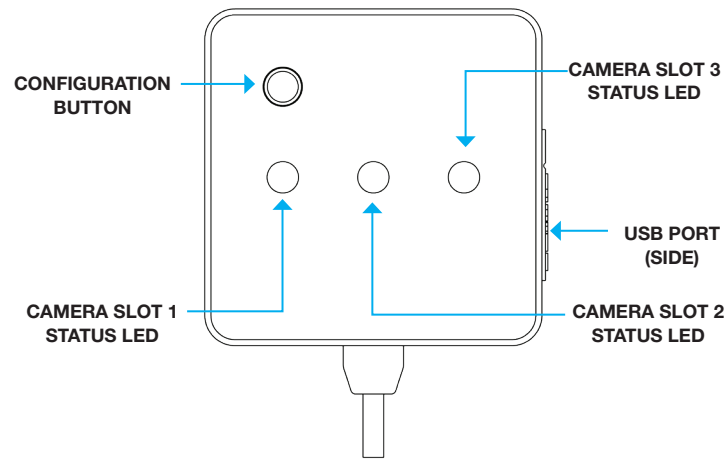
### Quick Start Operation

Apture RemoteGP comes with default settings factory pre-loaded; these settings allow immediate use in a vehicle simply by providing power to the unit and pairing your GoPro cameras.

#### Default settings:

- **Momentary external input switch enabled** – allows use of an external button to start/stop the recording. Press button to start/stop recording. To use a latching switch, refer to PC Configuration section.
- **External LED enabled** – Allows connection of an external LED to indicate status. Approx. 680 ohm (0.5W or greater) resistor needs to be fitted if not using the *Apture Remote Button with built-in LED*.
- **Connection Mode:** Camera always on and connected – This mode will prevent cameras going to sleep and will always maintain a connection to paired cameras, ready to start recording. Other camera battery saving modes are available, refer to PC Configuration section.
- **No warnings enabled** – To select and enable warnings refer to PC Configuration section.
- **HiLight Tags disabled** – To use HiLight Tags refer to PC Configuration section.
- **CAN disabled** – To enable CAN bus control refer to PC Configuration section.

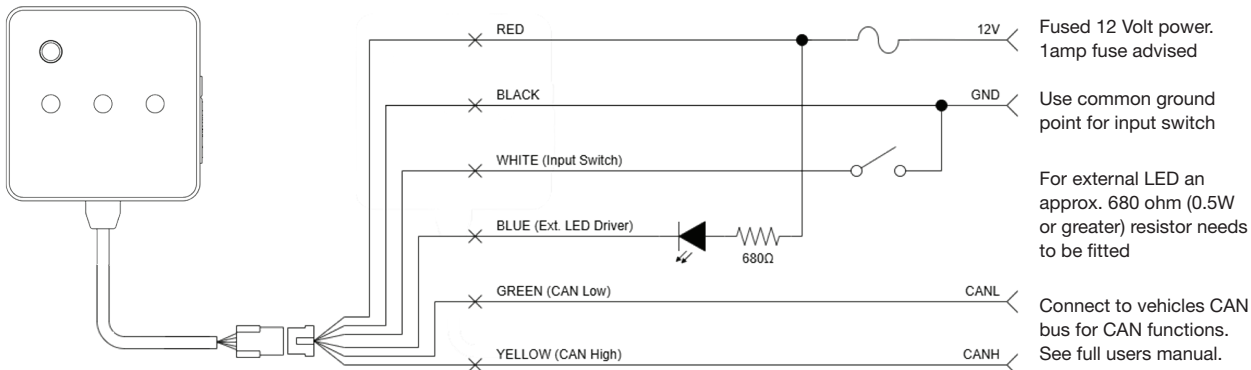
To change the default settings, use a latching switch or take advantage of the other powerful features of the RemoteGP, refer to the **PC Configuration** section.



With the default factory settings, the configuration button on the RemoteGP can be used to start and stop recording. However, it is recommended to connect an external momentary input switch and/or an external LED to allow easier operation. The *Apture Remote Button with built-in LED* is the recommended option to fit.

### Electrical Connections

Prior to operation the red and black wires of the Apture RemoteGP must be connected to power as per below. Other connections are optional depending on your preferences. To simplify installation, the *Apture RemoteGP Wiring Kit* is recommended.



### Pairing Setup

#### Camera Slots

The RemoteGP can be paired with up to three GoPro cameras. The slot a camera is assigned to is chosen during the pairing process.

#### Pairing Cameras

1. Enter pairing mode on your camera. The process to do this varies between camera models so refer to your camera's User Manual for instructions. If prompted, select the option to pair with the GoPro Quik App.
2. Supply the RemoteGP with 12 Volt power.
3. Press and hold the Configuration Button for 5 seconds. The RemoteGP will enter Pairing Mode (indicated by yellow Status LEDs).
4. Press the Configuration Button to cycle through the camera slots. The currently selected slot is indicated by the Status LED flashing yellow.
5. Press and hold the Configuration Button for 3 seconds to confirm the camera slot and begin the pairing process. The Status LED on the confirmed slot will turn blue (either solid or flashing), and the camera should acknowledge the pairing request once completed.
6. Repeat Steps 1-5 for additional cameras. The RemoteGP will exit Pairing Mode after a camera has successfully paired or after 90 seconds.

#### Removing Paired Cameras

1. Enter Pairing Mode by pressing and holding the Configuration Button for 5 seconds.
2. Press the Configuration Button to select the camera slot to be cleared. The currently selected slot is indicated by the Status LED flashing yellow.
3. Press and hold the Configuration Button for 3 seconds to confirm the camera slot.

#### Notes

- The Wireless Connections option (refer to your camera's user manual) must be enabled on your GoPro camera for the RemoteGP to be able to connect after the camera has entered sleep mode.
- If a paired camera is being swapped to a different slot (for example, from Slot 1 to Slot 2), you must remove the camera first before repairing.
- The pairing procedure will need to be repeated if a camera's connection settings are reset.