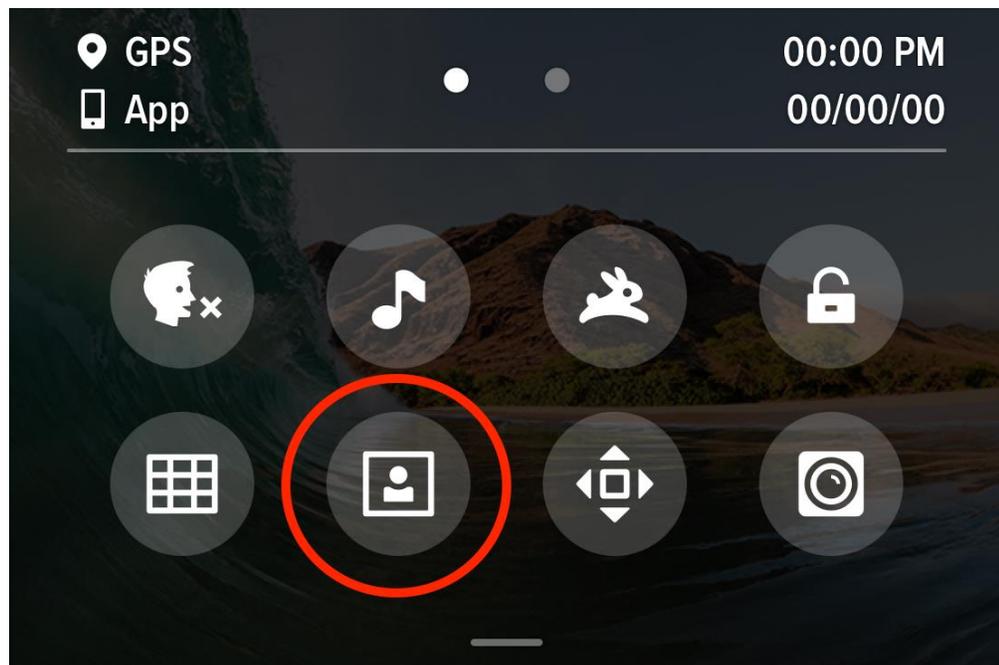


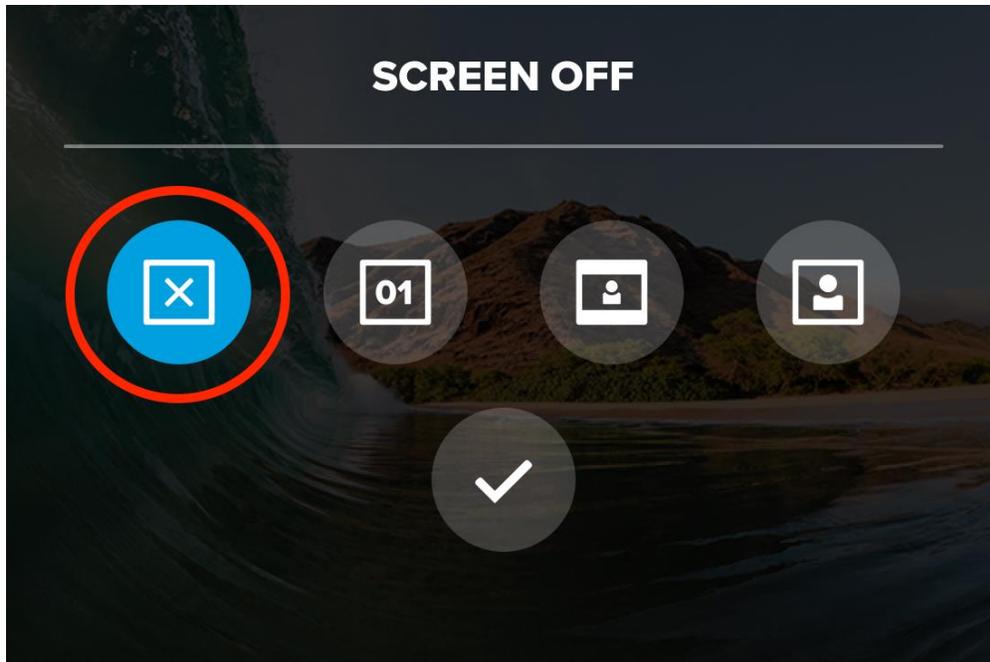
Troubleshooting Steps

To improve the camera's thermal performance and allow for longer recordings, utilize the tips below:

- Reduce exposure to direct sunlight. A little shade can make a significant difference in camera temperature.
- Create some airflow, even minimal. Turn on a small fan and place the camera near/in front of an air vent, or open a nearby window.
- Use a mount that elevates the camera off a flat surface. Built-in mounting fingers make it easy to raise up the camera which will help provide air flow to all surfaces of the camera.
- Reduce resolution or frame rate. By reducing the capture load, you can give your camera less to do and help it run cooler.
- Lower your HyperSmooth level. In static shots, there is no need to have enhanced stabilization.
- Turn off GPS and/or Voice Control if you don't need them.
- Remove the battery and use an external power source that supplies at least 2Amps and 5.1Volts.
- Use a faster SD card. Older, slower SD cards can make your camera work extra hard.
- Turn off the rear display after 1 minute. To change this setting:
 1. Swipe down on the rear LCD and swipe left.
 2. Tap [Preferences] > [Displays] > [Screen Saver Rear] > [1 Min].
- Completely turn off the front display via the dashboard on the rear LCD:
 1. Swipe down on the rear LCD and tap [Front Display Icon] (red circle).
 2. Tap the [X
 - 3.



4. icon].



How to update your HERO10 Black

To get new features and optimize your GoPro's performance, always keep it up to date with the latest camera software. Here's how.

[Update your camera using the GoPro app](#)

The GoPro app is the quickest, easiest way to update your camera—all you need is a smartphone or tablet and access to Wi-Fi. You can also use the app to control your camera remotely, view your photos and videos and share on the fly.

Night Photo/Night Lapse Tips

- A stable camera is absolutely necessary for crisp images and Night Lapse sequences. The extended exposure/shutter speeds in both Night modes, allow the camera to capture the minimal light available in the scene. Please be aware that this also means that any movement, of the camera or within the scene, will be much more prevalent in a night photo than when using the standard Photo and Time Lapse modes.
- Using Mounting Accessories like the [3-Way's built-in tripod](#), [Tripod Mounts](#), an [Adhesive Mount](#) (applied to a stable location).
- Protune controls allow you to alter the White Balance, Color Profile, ISO Limit, Sharpness and Exposure Compensation.
- Just as with standard time lapse sequences, Night Lapse involves taking photos over an extended period of time. If the situation allows, take a couple of test photos with the camera in position. You can review the samples using the rear display, the Quik App. This method provides

an opportunity to make any necessary alterations to the settings, prior to capturing a lengthy Night Lapse sequence.