



GOPRO SETTINGS FOR COLORIZATION

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Using this manual

Hovermap is a powerful system that can be used as a Lidar mapping payload but also as an advanced autopilot for drones. It is therefore recommended to read the user manual thoroughly to make use of all its capabilities in a safe and productive way.

Disclaimer and safety guidelines

This product is not a toy and must not be used by any person under the age of 18. It must be operated with caution, common sense, and in accordance with the instructions in the user manual. Failure to operate it in a safe and responsible manner could result in product loss or injury.

By using this product, you hereby agree that you are solely responsible for your own conduct while using it, and for any consequences thereof. You also agree to use this product only for purposes that are in accordance with all applicable laws, rules and regulations.

The use of Remotely Piloted Aircraft Systems (RPAS) may result in serious injury, death, or property damage if operated without proper training and due care. Before using an RPAS, you must ensure that you are suitably qualified, have received all necessary training, and read all relevant instructions, including the user manual. When using an RPAS, you must adopt safe practices and procedures at all times.

Warning

Always be aware of moving objects that may cause serious injury, such as spinning propellers or other components. *Never* approach a drone while the propellers are spinning or attempt to catch an airborne drone.



The following table lists the general settings used for your GoPro camera. These settings vary depending on the camera model. Details for switching between shooting modes are also provided.

- **Video Mode:** Press the mode button (or swipe sideways on the screen) until **Video** is highlighted.
- **360 Mode:** Press the **Mode** button on the side of the camera until **360 Video** is highlighted. Doing this will set the camera to **Hero** mode (indicated by the GoPro icon on the bottom left) by default. Click the icon to change the mode to **360 Video** (indicated by a sphere icon).

Field	GoPro Hero 9/10/11	GoPro Max
General		
Shooting mode	Video	360 Video
Orientation lock mode	UP	UP
<div style="border: 1px solid #0070C0; border-radius: 10px; padding: 10px; background-color: #E6F2FF;"> <p>i While setting Orientation lock mode to UP, ensure the camera is physically placed in normal upright orientation and <u>not upside down</u>.</p> </div>		
Default mode	N/A	Last 360 Video
Anti-flicker	50Hz	50Hz
Preferences		
Orientation	Landscape	Landscape
Video settings		
RES FPS	1080 50	5.6K 25
LENS	Linear	Linear
HyperSmooth	OFF	OFF



Field	GoPro Hero 9/10/11	GoPro Max
Low light	OFF	OFF
Zoom	1.0x	1.0x
Clips	OFF	OFF
PROTUNE settings		
Bit rate	HIGH	HIGH
Shutter	AUTO	AUTO
EV comp	0	0
White balance	AUTO	AUTO
ISO min	100	100
ISO max	1600	1600
Sharpness	HIGH	HIGH
Color	GoPro	GoPro
Raw auto	OFF	OFF
Mics = AUTO	AUTO	AUTO
On-Screen Shortcuts		
Lower left	OFF	OFF
Lower right	OFF	OFF



Field	GoPro Hero 9/10/11	GoPro Max
Upper left	OFF	OFF
Upper right	OFF	OFF
Front Display settings (Hero 10/11)		
Front Screen	OFF	N/A



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