

GOPRO HERO13 BEST UNDERWATER SETTINGS

Before You Travel

- Initial Setup Requires WiFi & Smart Phone
- Set & Forget Settings

Dashboard:

- Voice Control: Off*
- Beep: Off
- Screen Saver: Off
- Screen Lock: Off*
- Front Screen Options: Off
- Orientation: Locked
- LEDs: On*
- Lens Attachment: Auto Detect*

Controls:

Controls: Pro

Preferences: General

- QuikCapture: On*
- Default Preset: Last Used
- Auto Power Off: Never / 15 Min
- LEDs: All On*

Preferences: Displays

- Screen Saver: 5 Minutes
- Display Brightness: 100% or 60%
- Rear Screen Grid: Off*

Preferences: Regional

Regional Format: 60Hz NTSC / 50Hz PAL

Preferences: Reset

Format SD Card¹

¹Erases memory card; make sure files are saved

*Default Setting



CUSTOM VIDEO PRESETS

Wide Angle

- Use Sharp Wide Lens Pro
- Use lights in dark environments
- Use two lights for even coverage

Basic Settings:

Mode: Video
Profile: Standard*
Framing: 16:9*
Resolution: 5.3K, 4K, or 1080
Frame Rate: 60fps or 30fps
Lens: Wide*
Hypersmooth: On*
Scheduled Capture: N/A*
Duration: No Limit*
HindSight: Off*
Timer: Off*
Zoom: 1.0x*

ProTune Settings:

10-Bit: 10-Bit
Bit Rate: High
Shutter: Auto*
EV Comp: -0.5
White Balance: Auto*
ISO Min: Auto*
ISO Max: Auto*
Sharpness: Low
Denoise: Medium
Color: Natural*
RAW Audio: Off*
Audio Tuning: Standard*
Wind Reduction: Off

Shortcuts:

Turn off all Shortcuts

*Default Setting

Macro

- Use a +15 MACROMATE Mini Lens with Focus Stick
- Use Single Video Light in spot or macro mode
- Optional: add a snoot to darken background

Basic Settings:

Mode: Video
Profile: Standard*
Framing: 16:9*
Resolution: 5.3K, 4K, or 1080
Frame Rate: 60fps
Lens: Linear
Hypersmooth: On*
Scheduled Capture: N/A*
Duration: No Limit*
HindSight: Off*
Timer: Off*
Zoom: 1.4x

ProTune Settings:

10-Bit: 10-Bit
Bit Rate: High
Shutter: Auto*
EV Comp: -0.5
White Balance: Auto*
ISO Min: Auto*
ISO Max: Auto*
Sharpness: Low
Denoise: Medium
Color: Natural*
RAW Audio: Off*
Audio Tuning: Standard*
Wind Reduction: Off

Shortcuts:

Turn off all Shortcuts

*Default Setting

Slow Motion

- For Fast Action Scenes
- Use a FLIP Filter
- Use lights in dark environments

Basic Settings:

Mode: Video
Profile: Standard*
Framing: 16:9*
Resolution: 4K, 2.7K, or 1080
Frame Rate: 120 or 240fps
Lens: Wide*
Hypersmooth: On*
Scheduled Capture: N/A*
Duration: No Limit*
HindSight: Off*
Timer: Off*
Zoom: 1.0x*

ProTune Settings:

10-Bit: 10-Bit
Bit Rate: High
Shutter: Auto*
EV Comp: -0.5
White Balance: Auto*
ISO Min: Auto*
ISO Max: Auto*
Sharpness: Low
Denoise: Medium
Color: Natural*
RAW Audio: Off*
Audio Tuning: Standard*
Wind Reduction: Off

Shortcuts:

Turn off all Shortcuts

*Default Setting

Social Media

- Use DIVE or DEEP FLIP Filters
- Use lights in dark environments
- Use two lights for even coverage

Basic Settings:

Mode: Video
Profile: Standard*
Framing: 9:16 or 8:7
Resolution: 5.3K, 4K, or 1080
Frame Rate: 60fps or 30fps
Lens: Wide*
Hypersmooth: On*
Scheduled Capture: N/A*
Duration: No Limit*
HindSight: Off*
Timer: Off*
Zoom: 1.0x*

ProTune Settings:

10-Bit: 10-Bit (Only for 8:7)
Bit Rate: High
Shutter: Auto*
EV Comp: -0.5
White Balance: Auto*
ISO Min: Auto*
ISO Max: Auto*
Sharpness: Low
Denoise: Medium
Color: Natural*
RAW Audio: Off*
Audio Tuning: Standard*
Wind Reduction: Off

Shortcuts:

Turn off all Shortcuts

*Default Setting

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CUSTOM PHOTO PRESETS

Wide Angle

- Use DIVE or DEEP FLIP Filters
- Use lights in dark environments
- Set to RAW for Best Quality

Basic Settings:

Mode: Photo
Digital Lens: Wide*
Output: RAW
Interval: Off*
Duration: N/A*
Scheduled Capture: N/A*
Timer: Off*
Zoom: 1.0x*

ProTune Settings:

Shutter: Auto*
EV Comp: -0.5
White Balance: Auto*
ISO Min: 100*
ISO Max: 3200*
Sharpness: Medium*
Denoise: Medium
Color: Natural*

Shortcuts:

Turn off all Shortcuts

*Default Setting

Macro

- Use a +15 MACROMATE Mini Lens with Focus Stick
- Use Single Video Light in spot or macro mode
- Optional: add a snoot to darken background

Basic Settings:

Mode: Photo
Digital Lens: Linear
Output: Standard
Interval: Off*
Duration: N/A*
Scheduled Capture: N/A*
Timer: Off*
Zoom: 2.0x

ProTune Settings:

Shutter: Auto*
EV Comp: -0.5
White Balance: Auto*
ISO Min: 100*
ISO Max: 3200*
Sharpness: Medium*
Denoise: Medium
Color: Natural*

Shortcuts:

Turn off all Shortcuts

*Default Setting



WHEN TO USE FILTERS



GoPro HERO 5-13

NO FILTER



DIVE Filter



DEEP Filter



Macro Wide 4300 Video Light

SUNNY / CLEAR VIS

CLOUDY / LOW LIGHT

0-20ft / 0-6m <i>NO FILTER REQUIRED</i>	0-10ft / 0-3m <i>NO FILTER REQUIRED</i>
20-45ft / 6-14m	10-35ft / 3-10m
45-80ft / 14-24m	35-70ft / 10-21m
+80ft / +24m	+70ft / +21m



www.backscatter.com/gopro13-settings
Scan the QR code to watch the setup video & settings.