

Nikon ZR Settings Guide

For ease of use, we recommend adjusting camera settings and assigning your preferred controls to the function buttons before installing the camera in the housing.

NOTE

The Nikon ZR's internal temperature may increase when recording video in an enclosure like the underwater housing. If the camera becomes too warm, you'll see a high-temperature warning on the rear display, followed by a countdown after which the camera will power itself off. This is normal operation.

To minimize the likelihood of the camera overheating and powering off, we suggest these settings found within the Setup Menu  submenu:

Menu > Setup Menu >

- **Auto Temperature Cutout > High**
- **Monitor Brightness > 0 or lower**
- **REC Lamp Brightness > Off**
- **Silent Mode > On**



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Need customization suggestions? Here are a few changes we find helpful for recording video underwater:

Menu > My Menu > Add Items >

- Video Recording Menu >
 - ISO sensitivity
 - White balance
 - Vignette control (turn off for R3D RAW)
- Setup Menu > Format memory card

Menu > Video Recording Menu >

- Focus Mode > AF-F
- AF-area mode > Auto-area AF

Optional settings when shooting RAW:

Menu > Custom Settings > Video (g) >

- Customize i Menu (g1)
 - Replace WB with Focus Peaking
 - Replace Audio Input Sens. with Zebra Pattern
- Zebra Pattern (g16)
 - Set Pattern Tone Range to High
 - Adjust Highlight Threshold to 235
This makes it easier to spot clipping highlights
- Brightness Info Display (g19)
 - Set to WFM
This gives you more accurate exposure via waveform

Assign these functions to the custom buttons:

Menu > Custom Settings Menu > Video (g) > Custom Controls (g2)

Button	Function
Fn1	My Menu
Fn2	Cycle AF-area mode Select Auto-area AF / Subject-tracking AF to toggle when tracking specific marine life
Fn3	Reset Use this to toggle off Fn2's subject track and reset the center focus point

