

SnoopX

A pixel inspector for macOS with HDR support

SnoopX captures raw pixel R, G, B values, and reports their values for the pixel under the red square — 8-bit integers when in SDR mode, 16-bit floats when in HDR mode — at the bottom of the window.

Magnification

Set magnification to 1x, 2x, 4x, 8x, or 16x.

Capture Control

- Freeze or unfreeze the capture location.
- Update the capture once (while frozen).

The window can be expanded or shrunk by grabbing its edges or corners. If you want to simultaneously inspect two locations, make a copy of the app. Near the edge of the screen, a checkerboard indicates pixels beyond the screen.

SDR and HDR Display

- Auto — choose Standard Dynamic Range (SDR) or High Dynamic Range (HDR) based on display capability.
- SDR — pixel values reported in the range 0–255.
- HDR — pixel values reported in f/stops, where 1.0 = 256, as in Adobe Lightroom.

EDR Rendering

- Gamma — matches what you see on screen, but clamps to the display's dynamic range.
- Linear — can display any dynamic range, but washes out colors.

Plots and Statistics

- Horizontal plot of pixel values along the indicator row.
- Vertical plot of pixel values along the indicator column.
- Turn off plots.
- Show or hide the indicator line marking the plotted row or column.
- Show or hide statistics (min, max, mean, median) for all pixels in the window.
- Display a swatch of the snooped color.

Plot ordinates follow the display mode: 0–255 for SDR, f/stops for HDR.