

Guidelines for Capturing Linear Images

General guidance:

White balance once at beginning of imaging session, then do not adjust light intensity on microscope again during that same session.

Use camera exposure or shutter control to adjust image brightness.

Use histogram to ensure all color channels are within the range (saturation = lost data!).

Do not adjust contrast, saturation, hue or gamma unless such guidance is provided below.

Software / Camera Combinations:

Lumenera Infinity Capture or Analyze v6.x / Lumenera Infinity1, Infinity2, Infinity3

Motic Images Plus v2.x / Moticam 3

QImaging QCam v2.x, QCapture Pro v6.x, v7.x / QImaging QIClick with QImaging RGB filter

Recommended Acquisition Settings

Ensure all acquisition and display settings are at the factory default.

Ensure that Gamma is set to 1.0.

Hue, Saturation, Brightness and Contrast must be set to 0.0 or the default.

Offset should be set to 0.0 to ensure full dynamic range during acquisition.

Lumenera



Motic



QImaging



+

