Rock Imager 2 Visible Imaging

<http://www.formulatrix.com/demosite/protein-crystallization/products/rock-imager-2/index.html#tabbed-nav=tab3>

**Continuous Zoom Optics with Highest Resolution**

Infinite zoom values are available up to 12x magnification allow you to zoom in exactly to each drop circumference and to defined Regions of Interest

Optical resolution ranges from 1.5 µm (high zoom) to 8 µm (low zoom) making it the highest resolution available in an automated imaging system.

**Extended Focus Imaging Maintains High Resolution and Extended Depth of Field**

High resolution imaging reduces the depth of field so the entire drop will not be in focus at the same time.

To obtain high optical resolution images a high NA (numerical aperture) objective must be used. To get both high optical resolution and an extended depth of field, Rock Imager captures several images at different heights, or slices, and computes an image that contains the best in-focus pixels from each of the slices. This is called Extended Focus Imaging.