



Features

Intuitive tabular format promotes efficient workflow

Large editable spreadsheet view of pattern scans

Roaming mode

Software designed to maximize sample imagery and streamline workflow

Easily and consistently analyze hundreds of samples with minimal setup time.

Quick and easy generation of long experiment sequences.

Place patterns during analysis for improved efficiency.

ActiveView2

Product details



Navigation:

- Zoom with mouse wheel for fast and instinctive control – all images scale according to zoom position, from maximum optical zoom to minimum digital zoom (full sample chamber)
- Roaming mode enables simultaneous ablation and placement of new patterns
- All viewable information shown in the same coordinate plane for intuitive navigation

Imagery:

- Opacity adjustments for every layer allow multiple images to be used at once
- Sample maps utilize either camera for in-situ mosaics

Patterns:

- Spreadsheet view of pattern property metadata makes for easy editing, ordering, and export to customizable CSV files
- ImageLock patterns for $<1 \mu\text{m}$ stage return accuracy using image recognition
- Auto-add and auto-distribute functions for easy reference pattern handling

Workflow:

- Collapsible tabs allow almost the entire screen to be used for sample viewing – after all, laser ablation is an inherently visual technique
- Tabs are organized in order of workflow so users can quickly find content without memorization

Advanced user features:

- Various settings access levels allows labs with many students or visitors to limit access for inexperienced users with a password
- Automatic energy calibrations and digital camera alignments



Hardware Requirements

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|------------------------|--|
| Platform | NWR193, NWR213, NWR266, NWRfemto, NWRimage |
| Operating system drive | 32GB + flash drive |
| RAM | 4GB + |
| Video Card | NVidia EVGA GeForce 8400 |
| .Net version | 4.0 |
| Aperture device | N+1 firmware design |

