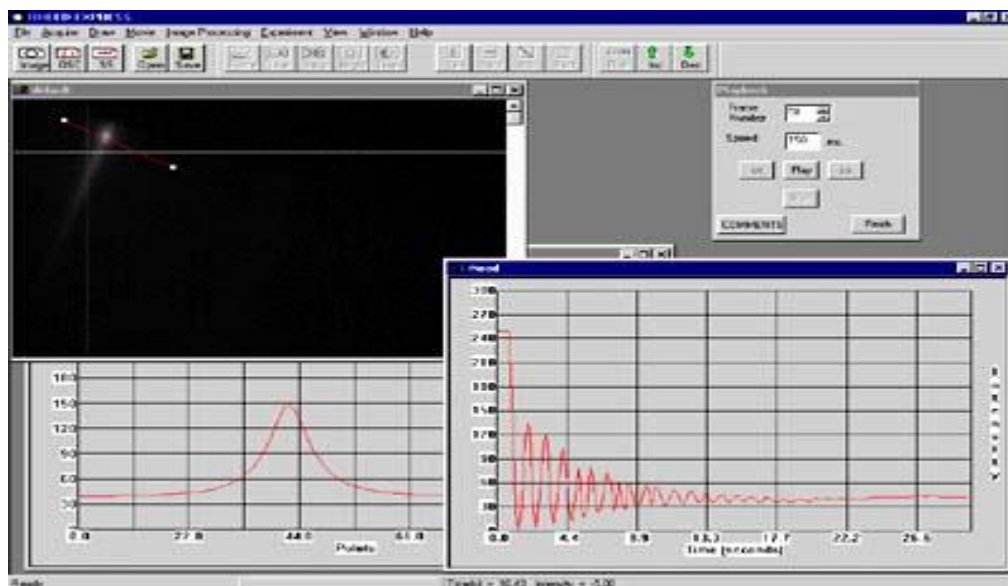


# SurfaceScienceSoftware.com

## **RHEED**

**Image data acquisition and analysis – fully integrated multitasking analysis software for Windows XP and Vista.**



### **Imaging**

- Real time image display, Single or multiple frames capture
- Frame averaging and integration supported in all modes
- Dynamic adjustment of brightness and contrast
- Enhancement by background subtraction and contrast
- Stretching (linear or non-linear)
- Images exported as standard bitmaps
- Capture movies to hard disk (up to 10fps)
- Movies can be analysed later using all features of LEEDexpress, LEED Imaging or LEED Office.

### **Oscillations**

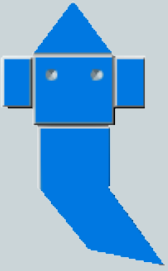
- Oscillations, intensity and up to 18 spot positions
- Play back oscillations through movie feature
- Spot tracking variable retention intensity
- FFT power spectrum and Alternative grow rate calculation
- Data saved as text

#### **For further information contact:**

Business Integration Software Ltd, Tunbridge Wells, Kent UK

Telephone & Fax: (0) 1892 529563 Mobile: 0777 197 0567

Email: [sales@SurfaceScienceSoftware.com](mailto:sales@SurfaceScienceSoftware.com)



## Spots and Profiles

- Multiple dynamic line profiles in any direction
- Real time line profiles
- Manual or automatic spot and line management
- Saturated spot diffusion
- Profile smoothing and fitting

## Streak Spacing

- Live display of streak spacing
- Play back streak spacing through movie feature
- Peak fitting (Lorentzian, Gaussian and Voigt)
- Smoothing

## Frame grabbing

- Works with any CCIR standard camera
- On-camera integration option using Cohu 4910 camera
- Sync correction for VCRs
- Wide range of black and white level adjustment
- 512X512 area from CCIR 768X576 frame
- Area scan from digital camera

## System requirements

- Minimum: Pentium 133 with 32Mb RAM/1Gb Hard Disk
- Recommended: Pentium II with 64Mb RAM
- Windows VISTA and XP Professional
- CCIR standard camera

## Options

- Computer
- CCIR Camera and Time integration module
- Customised software
- Digital 10,12 camera
- Firewire camera

### For further information contact

Business Integration Software Ltd, Tunbridge Wells, Kent UK

Telephone & Fax: (0) 1892 529563 Mobile: 0777 197 0567

Email: <mailto:sales@surfacesciencesoftware.com>