

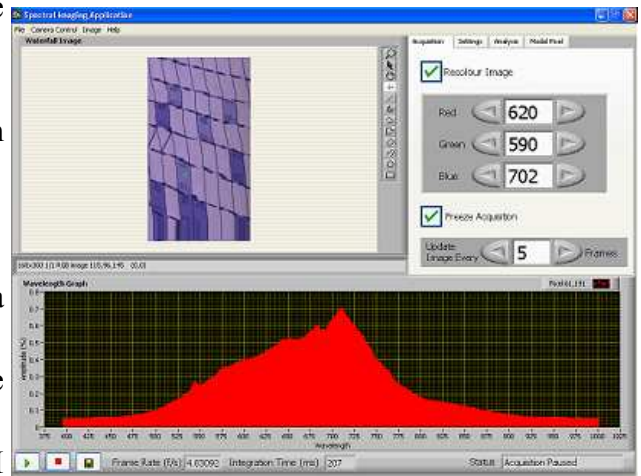
CSIspec-IS

Spectral Imaging Software

CSIspec-IS is a powerful program, designed specifically for acquisition, visualization and analysis of spectral images collected by imaging spectrograph multispectral systems.

Display and Analysis Functions

- Normalize spectral frame to a white frame and dark frame
- Remove specular highlights from a frame
- Select a ROI or multiple ROI for a given image
- Generate spectral curves
- Create a waterfall image
- Select a “model” pixel and store the spectra for reference
- False colour all pixels in a waterfall image that match the model pixel
- Save a spectral cube in TIFF or ENVI format



Camera Control

- Calculate integration time and frame rate
- Allow for vertical and horizontal binning
- Adjust gain settings
- Customization available
- Available for several cameras (UV—VIS—IR)
- USB, FireWire and CameraLink compatible
- Built with LabVIEW



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