

SpectralView

Hyperspectral Image Analysis

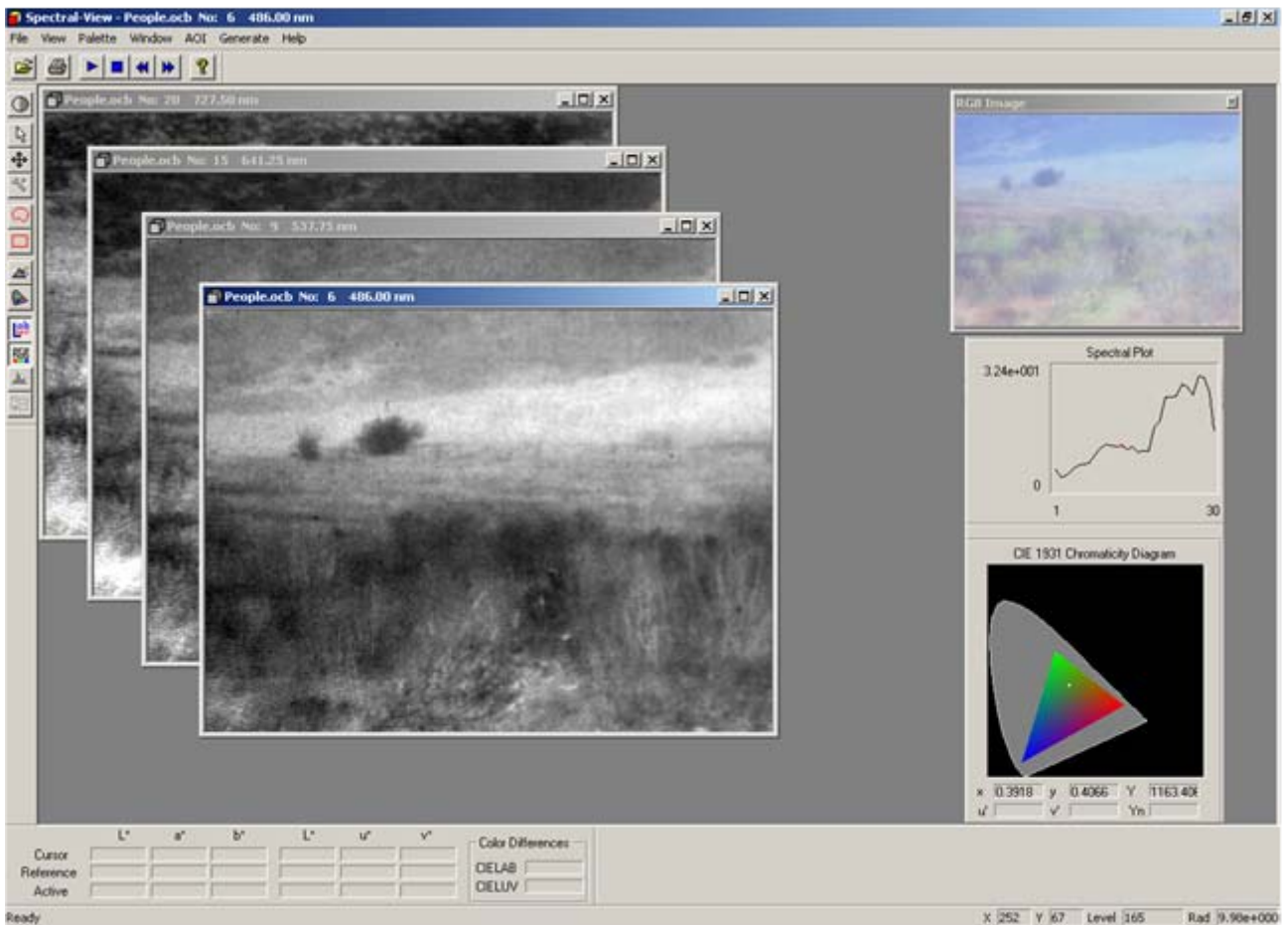
SpectralView is the tool for the multi- and hyperspectral image data collector and analyst for applications ranging from remote sensing to defense. SpectralView - designed for the data rich and information poor.

PC-based

System Requirements Include:

- ⇒ Windows 95, 98, 2000, NT, or Me
- ⇒ 200MHz Processor or higher
- ⇒ 32 Mb RAM
- ⇒ ~5 Mb free on hard drive

- Supports visualization and analysis of multi- and hyperspectral imagery
- Accepts digital data cubes
- Includes spectral paging
 - Individual narrowband images or
 - Data set viewed as video sequence
- Includes data clustering tool that automatically partitions data into self-similar spectra clusters
- Displays binary or grayscale threshold images based on L.2 inner product between target spectra and hypercube
- Finds projection of hyper-cube data onto the principal axes using spectral decomposition
- Performs useful conversions
 - spectrum-to-CIE coord.
 - xyY-to-RGB conversion
- Supports export to MS Excel



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