

Image Viewer Utility (Beta version for user evaluation and feedback)

Remote sensing satellites view the earth in different spectral bands, viz. near infrared (NIR), red, green, and blue bands and provides images at various spatial, radiometric and temporal resolutions. For visualizing these images an image viewer with capability of minimum radiometric enhancements is required.

The Image viewer S/W module has been developed using the Open source Map windows software using Visual C# on windows platform to display and analyze the images, shape files and ASCII and Binary GRID files.

This software utility supports several file formats and various spatial and radiometric resolutions of Remote sensing Image data. It uses Mapwindows Active X control for image display.

Sensors supported : All sensors

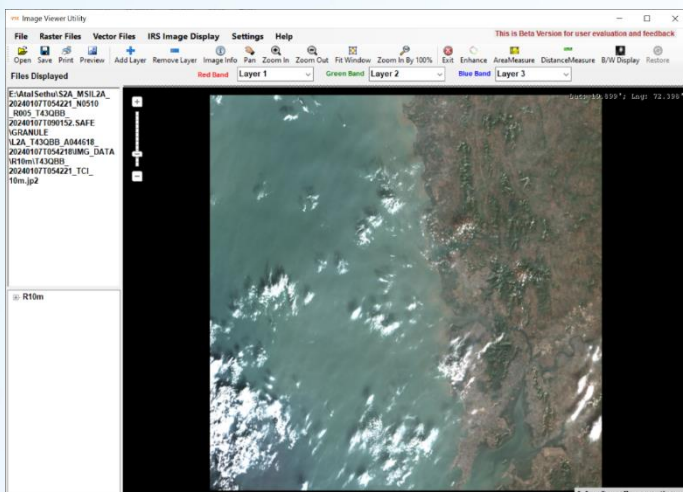
Input Format : Input file should be in JPG, BMP, PNG, GIF, GeoTiff, ERDAS Imagine format, PCI pix format, shape files, ASCII and binary grid files.

S/w Requirement : .NET framework 4.0 preinstalled and Mapwindows ActiveX control Ver 4.9.4.2(Win32 version) or higher installed using executable "MapWinGIS-only-v4.9.4.2-Win32" downloadable from the web site:

<https://github.com/MapWindow/MapWinGIS/releases>
H/w Requirement : Pentium with min 1 GB RAM and Windows 7 or higher operating system.

Salient Features:

- Displaying IRS images supplied in Zipped file
- Displaying of satellite images at various spatial and radiometric resolutions.
- Capability to Display B/W or Color Images and shape files.
- Provisions for Zoom in, Zoom out, Fit Image to Window, full resolution display etc.
- Provisions for changing the band combinations for display.
- Distance measurement tool
- Area Measurement tool
- Enhancing the raw image for better visualization
- Meta information display of the image
- Taking snap of the view for print.



Web links:

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