

Sharpen Images in Display

DID YOU KNOW . . . you can sharpen raster images in the view using the integrated image filtering in the display process?

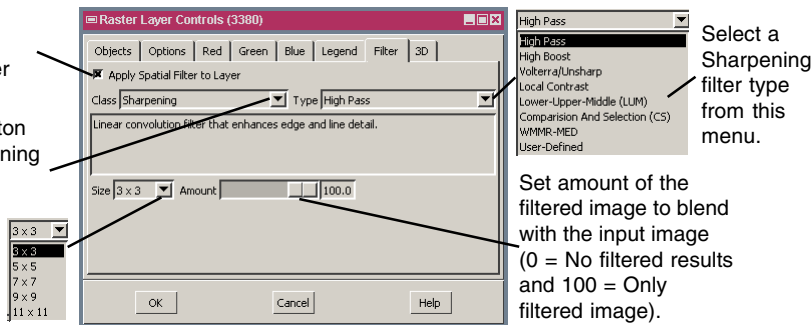
What Sharpening Raster Images in Display Gives You

- Display sharper images without altering the original raster object(s)
- Select from a variety of filter types and sizes to apply to each raster layer
- Create custom filters with desired shape, size, and weighting coefficients
- Blend the filtered and unfiltered image in the display
- Set the amount contributed by each image in the blend

Toggle on this button to apply filter to the raster image.

Click on this button to select Sharpening from the menu.

Select larger filter size to increase the degree of sharpening.



Select a Sharpening filter type from this menu.

Set amount of the filtered image to blend with the input image (0 = No filtered results and 100 = Only filtered image).



RGB display of three bands of a landsat scene with no filtering



RGB display of three bands of a landsat scene with 3 x 3 High Pass Sharpening Filter



RGB display of three bands of a landsat scene with 7 x 7 High Pass Sharpening Filter

How to Sharpen Raster Images in Display

- In the Display Manager, select Controls from the object's right mouse button menu and click on the Filter tab.
- Toggle on the Apply Spatial Filter to Layer button.
- Set Class to Sharpening and select the desired filter type and size.
- Move the Amount slider to adjust the blending of filtered and unfiltered images.
- Click on the OK button.

WANT TO KNOW MORE?

See the Technical Guide entitled Spatial Display:

Inline Filtering of Images

