



AirPhotoUSA MapHandler v4.0 for ArcView 3.x

OVERVIEW

“AirPhotoUSA Map Handler v4.0 for ArcView 3.x” is a program for users that already have ArcView, version 3.x, installed on their computer. It allows ArcView users to open and display the imagery contained in AirPhotoUSA Map files as a layer in ArcView.

Version 4.0 adds support for the new PhotoMapper 4.0 file formats.

Unlike the previously available AirPhotoUSAx extension, this program automatically regenerates the display as you pan and zoom in ArcView. This program is also much faster.

LICENSING

Licensed users of the full version of PhotoMapper may use this Map Handler upon agreeing to the Map Handler’s license agreement. This software will honor PhotoMapper registration so there is no need to re-register. If you are not licensed for the full version of PhotoMapper but are running Lite, Laptop Edition or Network Viewer editions you will need to purchase a license for the full version of PhotoMapper before this software will work for you.

USING WITH ARCVIEW 3.x

- 1). Select “Extension...” from the ArcView “File” menu. In the dialog that appears check the box next to the “AirPhotoUSA Map Handler”. If you also check the “Make Default” box the extension will be automatically loaded each time you start ArcView.
- 2). Select “Properties...” from the View Menu. Click on the “Projection” button and select the projection the AirPhotoUSA Map file is stored in. Click OK to get back to the “View Properties” dialog. Select the units the AirPhotoUSA Map is stored in. This will usually be feet. To avoid error messages and insure proper operation this step must be completed before proceeding.
- 3). Select “Add Theme” from the ArcView “View” menu. For “Data Source Types” select “Image Data Source”. Navigate to the folder containing the AirPhotoUSA Map file, select it and press OK
- 4). Check the box next to the theme added in step 3, on the left edge of the View window, to make it visible.

A NOTE CONCERNING PROJECTIONS

Due to the limitations of ArcView 3.x you will be able to overlay AirPhotoUSA imagery with other map data layers only if they are stored in the Geographic projection (technically unprojected) or they stored in the same projection and units as the AirPhotoUSA imagery. In either case the view projection must be set to the projection of the AirPhotoUSA imagery prior to adding it as a theme.

PhotoMapper 4.0 and higher has the ability to quickly reproject one or more ESRI Shape files to allow them to overlay correctly on the AirPhotoUSA imagery. This is done using the "Reproject" item on the PhotoMapper "File" menu. We recommend reprojecting to the Latitude / Longitude NAD83 projection (technically unprojected).