

DRAWING AND VIEWING PROGRAM V1.0 (SIENA VERSION)

Welcome to Version 1.0 of my Picture/Icon Viewer/Editor/Designer. This Shareware version is fully functioning, except for the 'nag' screens, which can be removed on registering, and the Save function, which is disabled, and is also restored on registering. See REGISTER.TXT for details.

This program has 3 basic components, a picture viewer, a picture editor, and an Icon editor. The whole program is menu driven, and an extensive on-line context-sensitive help file is available. Once the program has been installed, all the available pictures are displayed under the Icon. The program works by selecting a picture in the System Screen and pressing <Enter>. It then enters the basic viewing mode. If the picture selected is an Icon, the program will automatically jump into the Icon Edit mode.

Viewer Mode

This is the basic picture viewing mode. If the picture is larger than the screen, use the cursor keys to move around the viewing window. The Home, End, PgUp and PgDn keys move to the limits of the picture. The SHIFT key slows down the rate of movement by a factor of ten. Work through the menus to see the facilities available. The File menu should be self-explanatory as it contains all the usual File handling commands. The Special menu allows you to take a snapshot of the screen, and change the default scroll rate. Selecting the Edit Picture menu option allows you to edit the picture, as will pressing the diamond key. Selecting Edit Icon (or pressing Shift-Diamond), allows you to grab any part of the picture to use as an Icon.

Editor Mode

This mode allows you to edit the picture, and has all the usual tools available. Look through the menus to see the facilities, a detailed description of each option is included later in the instructions. Whatever you are doing, you should find the <Esc> key will get you out of trouble. The arrow keys will move the edit cursor around 10 pixels at a time. If you hold the Shift key down at the same time you will move 1 pixel at a time, if you hold the Control key down at the same time you will move 30 pixels at a time, and holding the Psion key down will send the cursor to the extremities of the screen/picture. Also, pressing the Space Bar will toggle the pixel at the cursor position between black/clear, and the TAB key will toggle grey/clear.

Zoom Mode/Icon Editor

The same basic module is used for pixel-editing a zoomed area of the picture, and for editing Icons. Various menu selections will put you into the pixel-editor. Use the cursor keys to move the 'dot' around the area. You can toggle between black/grey/clear, drawing black/clear/grey lines and, as with the main editor, <Space Bar> and TAB toggle the pixel at the cursor position.

A description of every menu option now follows:

VIEWER SCREEN

File Menu

New Picture (Psion-N)

Used to generate a new picture. You will be asked for the filename and destination disc, and details for the picture. At the moment, the picture size you can use is limited to a minimum size of 18x18 pixels, and a maximum size of 960x320 pixels (8 times the screen size). There is also an option for a 'grey' plane, set this to 'No' if you only require black and white, or wish to make it compatible

with a Series 3. Finally, the picture starts with a border so that it can be seen. The border can be removed by using <Psion-O> from the editor screen.

Open Picture (Psion-O)

Used to load a new file. It initially offers all the files in any \PIC\ directory. If you wish to load a picture from another directory, simply press <Tab> and work through the 'tree' as covered in the manual. Note that a new file in a \PIC\ directory can also be loaded by highlighting it from the System screen.

Save Picture (Psion-S) (Not available in unregistered version)

Saves the file with all the changes incorporated. This option uses the same filename but does NOT prompt you to confirm you wish to overwrite an existing filename , so use with care.

Save Picture As (Psion-A) (Not available in unregistered version)

Saves the file under a different name. This option WILL prompt you if the file already exists.

Revert to Saved (Psion-R)

If you have made a mess of the editing and wish to cancel the changes, use this option. It is actually only a short cut way of re-loading the same file.

Special Menu

Register Copy (Psion-\$)

This is to allow you to enter the registration ID. It will disappear after registering.

Capture Screen (Psion-C) (Not available in unregistered version)

This command takes a 'snapshot' of the screen area and saves it to a specified file.

Scroll Rate (Psion-L)

In the Viewer, the arrow keys default to moving the picture 120 pixels horizontally and 80 pixels vertically. Use this command to change the default values. Your selection will be saved in the .CFG file.

About (Psion-H)

Details of version and to whom program is registered.

Exit (Psion-X)

Available in all screens, to quit the program.

Diamond Menu

Picture (Psion-P)

This command puts you into the editor mode, where you can make changes to a picture or design your own.

Icon (Psion-I)

This command allows you to use any part of the screen as an icon. Simply move the 'square' over the required area, press <Enter> and you will enter the Icon Editor using the appropriate area.

EDITOR MODE

File Menu

Save Picture (Psion-S) (Not available in unregistered version)

Saves the file with all the changes incorporated. This option uses the same filename but does NOT prompt you to confirm you wish to overwrite an existing filename , so use with care.

Save Picture As (Psion-A) (Not available in unregistered version)

Saves the file under a different name. This option WILL prompt you if the file already exists.

Revert to Saved (Psion-R)

If you have made a mess of the editing and wish to cancel the changes, use this option. It is actually only a short cut way of re-loading the same file.

Draw Menu

Line Draw (Psion-L)

This mode allows you draw straight lines using the 'rubber band' technique. You will first be asked for the start point, then after pressing <Enter> you will be asked for the next point. Move the cursor to the next point and press <Space Bar> to fix the line and continue, or <Return> if you have finished. While in this mode you can still use the 'Mode' command (<Psion-M>) to alter the way the line is drawn. Options are the same as for gGMODE in the manual, ie Set, Clear, Inverted. The default is 'Set'. Use the line width option to set the required width (1-5 pixels). Use the diamond (or the menu or the appropriate hotkey) to change colour.

Box Draw (Psion-B)

This mode allows you to draw boxes of various types. It can be with just an outline, or filled with black, or filled with a pattern or even cleared, so as to block erase an area. Use the mode option (<Psion-M>) to select the required option. (Default is 'Outline only'). Instructions for selecting the top-left and bottom-right corners are given on-screen. Use the diamond key to change colour.

Circle Draw (Psion-Y)

This mode allows you to draw circles. Depending on the mode selected (<Psion-M>), you can either draw circles that fit in a box or by specifying the centre and radius. For the Box mode, use the same method as described above. For the centre/radius mode, first you use the cursor keys and <Enter> to select the centre of the circle, then the right/left cursor to define the radius. After pressing <Enter> the circle is drawn. Unlike other modes, the circle can be bigger than the picture,

although only the arcs inside the picture will be drawn. Use the Mode menu (<Psion-M>) to select 'Set', 'Clear', 'Filled' or 'Inverted' as required. Use the diamond key to change colour.

Ellipse Draw (Psion-J)

This mode is exactly the same as the circle in a box mode, but you can specify a rectangle rather than be limited to a square.

Sketch Mode (Psion-K)

This gives you a freehand mode. The cursor will leave a trail when it is moved. Remember to hold the Shift key down if you want to move 1 pixel at a time. You can switch this mode off using (Psion-K), <Esc> or <Enter>.

Tools Menu

Text Entry (Psion-T)

This option allows you to enter Text. After selecting the start point, simply type in the text. Press <Enter> when complete. The 'Options' menu allows you to set the font, style and mode. If you wish to change the defaults use the 'Save as Defaults' option. Use the diamond key to change colour. Note that the extended character set (128-254) can be obtained by holding down the Control key and typing in the ASCII code.

Fill Area (Psion-F)

This option allows you to fill an area. After selection, simply put the cross inside an enclosed area and press <Enter>. I haven't implemented a very complex fill algorithm, so you might find it takes a couple of goes to fill a complex area. For the best results, try and place the cross in line with the point of maximum height.

Copy Area (Psion-C)

This allows you to copy an area of the screen to another area. First select the area in the same way as when drawing a box, then select the top-left corner of the place where you want the area to be copied.

Move Area (Psion-V)

This is the same as the Copy routine, except that the original area is cleared.

Paste Area (Psion-P)

Once Copy or Move has been used, the area involved is copied to a clipboard. This option will Paste a copy of the Clipboard at the cursor position.

Import Picture (Psion-I)

This option allows you to import another picture into your own. Simply select the filename, and the top-left corner of where you wish the picture placed. After the picture is imported it can be moved around the screen to its final position. Be careful when you initially position the picture, as it will overdraw whatever is on the screen. When you subsequently move it, however, it will not overdraw. Simplest solution is to import it into a blank space first, then position it later.

Export Area (Psion-+) (Not available in unregistered version)

This option allows you to save a portion of the screen as a separate .PIC file.

Zoom (Psion-Z)

This option allows you to pixel-edit the picture. Simply select the area to edit and press <Enter>. Instructions for editing are then given on-screen. You can draw both black and grey (if available) lines, clear lines, or toggle individual pixels. Detailed description of the menu options are given under the Icon Editor list

Options Menu

Resize Picture (Psion-Q)

This option simply allows you to change the size of the picture.

Change Font/Style (Psion-E)

This option changes the font and style of any subsequent text operations.

Change Mode (Psion-M)

This option is to determine how lines, boxes, circles and ellipses are drawn. This could be, for example, a black outline, a white outline, or an inverted line or filled..

Line Width (Psion-N)

This option alters the line width, for lines, circles, ellipses and boxes. Selectable from 1-5 pixels.

Change Cursor (Psion-U)

This option allows various designs and sizes of cursor.

Define Grid (Psion--)

This option allows you to define the type and size of the optional grid.

Save as Defaults (Psion-D)

The program initially defaults to the standard font, style and mode. If you would prefer to start up with different settings, use the appropriate option, then use this option to save the settings in your .CFG file.

Special Menu

Border On/Off (Psion-O)

This option simply toggles a border around the picture.

Toggle Grid (Psion-G)

This option toggles the optional Grid on and off.

Info Window (Psion-W)

This option selects the position of (or turns off) an information screen which appears at appropriate times to give the size of the picture, the X-Y coordinates of the cursor, the presence (or not) of a grey plane and, if appropriate, the colour selected. Your selection will be automatically saved in the .CFG file.

About (Psion-H)

Details of version and to whom program is registered.

Exit (Psion-X)

Available in all screens, to quit the program.

Diamond Menu

Return to Viewer (Psion-Shift-V)

This option returns you to the basic Viewer screen. Note that the <Esc> key has the same effect as this option.

ICON EDITOR

File Menu

New Icon/Picture (Psion-N)

Generate a new Icon or Picture

Open Icon/Picture (Psion-O)

Opens up a new Icon/Picture

Save Icon (Psion-S) (Not available in unregistered version)

This option saves the Icon. If you have generated a new icon from a picture, it will prompt you for a name. Otherwise it will just save it using the original filename.

Save Icon As (Psion-A) (Not available in unregistered version)

This option allows you to save the Icon under a different name.

Revert to Saved (Psion-R)

If you have made a complete mess of any editing you can use this option to start from scratch. Remember that this will destroy any changes made since the last time the 'Save' option was used.

Special Menu

Return to Editor (Psion-Shift-V)

This option returns you to the basic Viewer screen. Note that the <Esc> key has the same effect as this option.

About (Psion-H)

Details of version and to whom program is registered.

Exit (Psion-X)

Available in all screens, to quit the program.

Diamond Menu

Move (Psion-M)

This option allows you to move the cursor to a specific pixel. In this mode you can toggle a pixel on and off using <Space bar> for black and <Tab> for grey (if grey plane available). This mode can also be selected by using the diamond key.

Clear (Psion-C)

This option allows you to clear lines of pixels. Simply move the cursor to draw a white (cleared) line. This mode can also be selected by using the diamond key.

Black (Psion-B)

This changes the colour to Black, if Grey has been previously selected. Again, this draws a black line if the cursor is moved. This mode can also be selected by using the diamond key.

Grey (Psion-G)

This changes the colour to Grey, if Black has been previously selected and draws a grey line. This option is only displayed if the picture being edited has a grey plane. This mode can also be selected by using the diamond key.

ZOOM MODE

Special Menu

Return to Editor (Psion-Shift-V)

This option simply returns you to the main Editor screen once you have finished editing the picture.

About (Psion-H)

Details of version and to whom program is registered.

Exit (Psion-X)

Available in all screens, to quit the program.

Diamond Menu

Move (Psion-M)

This option allows you to move the cursor to a specific pixel. In this mode you can toggle a pixel on and off using <Space bar> for black and <Tab> for grey (if grey plane available). This mode can also be selected by using the diamond key.

Clear (Psion-C)

This option allows you to clear lines of pixels. Simply move the cursor to draw a white (cleared) line. This mode can also be selected by using the diamond key.

Black (Psion-B)

This changes the colour to Black, if Grey has been previously selected. Again, this draws a black line if the cursor is moved. This mode can also be selected by using the diamond key.

Grey (Psion-G)

This changes the colour to Grey, if Black has been previously selected and draws a grey line. This option is only displayed if the picture being edited has a grey plane. This mode can also be selected by using the diamond key.

GENERAL

Within the various drawing options, you will be given sub-sets of the above menus, appropriate to the requirements of the mode you have selected.

Also, remember the on-line context-sensitive Help screens obtained by pressing the <Help> button