

integrated Portable Protected Picture Player  
version 2.00  
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Programmed by	Eric S. Meyer
Documented by	Eric S. Meyer

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### 1. Introduction

iPPPP200 is a data encryption-protected jpg picture viewer application. It will encode (encrypt) ordinary jpg files into special jpg files that will not open in any other application except this product WITH the correct unlock key.

You may use any characters available on the keyboard to create an unlock key. This product runs a little slow, but is highly secure.

## Main features:

- Protects via encryption virtually any jpg file
- Supports batch convert, where user selects directory to encrypt
- Offers go back, go forward, go to beginning, jump to specific file, three-speed slide show mode
- Protected (encrypted) data with a STRONG key (using several unrelated character) will be DIFFICULT for hackers to compromise. Your greatest risk is that a virus or spyware is infecting your computer, capturing your password when it is entered
- Context-sensitive help menus
- 30-day free trial license
- Reasonably priced license fees
- Ideal for students, travelers and business persons who wish to carry family photos in their portable notebook computer
- Powered with a high-clarity jpg file viewing component
- Allows user to print (decrypted) pictures of content using virtually any printer that has already been setup and configured to run on the current given computer
- Encryption engine is energized with many sets of polynomials from the developer's tool, PolyPrimeProtect, another fine USALL Systems' Brand program

### 2. License

This program may be used for 30 days free of charge. After that, the user is expected to register this product, or to stop using it. Program automatically disables itself 30 days after the first run on the user's computer, until an unlock code is purchased from developer's web site or phone support.

[Http://www.usallsystems.com](http://www.usallsystems.com)

phone 800-71USALL  
fax 877-825-5863

### 3. Operation

#### GETTING STARTED WITH VIEWING NON-ENCRYPTED FILES

To get started, you probably want to protect some files. But first, let's learn to play non-protected images on your screen:

- a. install product into a directory, with both files ipppp200.exe and the DLL in the same folder. The DLL MUST be in the same directory as the main program file, ipppp200.exe
- b. execute this product, named file, ipppp200.exe
- c. click "show" button
- d. choose one file in the folder you wish to view. The file you select will be viewed first, until all files in folder have been shown, the program then starts at file number 1
- e. leave area to the right of "key" blank for now.
- f. press the "key" button. This tells the program that it should read the list of files inside the folder previously selected in above step letter "d."
- g. press the ">" button to start viewing
- h. if you want to begin at the start of the file list, press "<<" button
- I. if you want a slide show, you may press the "I", "II", or "III" button after pressing either the "<" or ">" button
- j. when you are wanting to hide the screen content, press the "Hide/unhide" button on the console right. Press again to make visible again.
- k. if you want to keep the image on the screen, but want to disable viewing of additional images, you can press "lock" to clear the password from the memory, forcing you to re-enter your valid password again to view another picture
- l. when you are finished viewing, you may press the "X" at the left to instantly close this application.

#### TO BEGIN ENCRYPTING (PROTECTING) JPG FILES:

- a. run program as specified above
- b. choose "Convert" on the far right
- c. enter a password to encrypt using on the lower left box
- d. click the "Select" button on the top left, choose one file
- e. if you choose "Protect1" then one file, the one selected, will be encrypted
- f. if you choose "ProtectAll" then all files in the same directory will be encrypted
- g. the view status line, on the top middle of the window, will say "1 of 6" if you have 6 files with ProtectAll. Otherwise, just the filename of the one file to protect will show here.
- h. the leftmost small box shows your progress of each encryption run. The numbers changing show progress, but not how far along the process is going
- I. you files are now protected, and are ready for viewing using iPPPP200.exe later.

## VIEWING PROTECTED FILES

- a. load the program as described above
- b. click “show” button
- c. choose any file in your protected folder
- d. the file you choose will be first picture shown
- e. enter your “key” unlock code to the right of the “key” button
- f. press the “Key” button once
- g. press the “<<” button once
- h. press the “>>” button once or twice, waiting about 15 seconds per cycle. Allow up to one half minute on older, slower computers to decode, sometimes a little longer, to process and display your image file to the screen
- i. when you are done, press the “X” button to exit, or “Lock” to keep the current picture on the screen but to stop viewing of additional photos in that session, or “Hide/Unhide” to toggle hide/unhide function.
- j. when you no longer wish to view photos, you should always click the “X” to exit
- k. your pictures are automatically kept encrypted after viewing them.

Note: you may jump to a specific file by entering its sequential number in the box next to the “show” button (on its right) and then press the “>>” button once to jump. This will take you to the sequential file number, not the file name, so you should only enter numbers equal to or less than the number of total image files in the current folder.

Important: If you enter a number greater than 65,535, above in the text box next to “show,” or if you try accessing a folder with more than 65,535 files, you may get an error and/or unpredictable behavior. In other words, you should not try to use folders with more than 65,535 files.

### 4. Summary

With the iPPPP200 application, you can now view photos on your notebook computer without much fear of a thief having access to all your family and friends pictures. You may view images, slide shows and print jpg files with minimal risk and maximum convenience.

When you are ready to move to your appointments and busy life, iPPPP200.exe is ready with you, providing 24/7/365 security for all your image files, while making them easy for you to view and print, but very difficult for hackers and thieves to view, print or publish in any way.

Thank you for choosing my product for your data protection needs. If you find my product useful, please consider registering it. You may view my current prices on my web site at <http://www.usallsystems.com> or call me at 800-71USALL or view prices on

one of my publishers at [www.download.com](http://www.download.com)

I sincerely wish to express my appreciation in advance for those who choose to register this product with a fee to gain a non-expiring license to use my product.

Best Regards,

Eric S. Meyer, February 1, 2009  
owner/programmer,  
USALL Systems Company