

# PHOTO SAFE

## Portable Photo Storage with Memory Card Reader

### User's Guide



Thank you for choosing Digital Foci.

At Digital Foci, our mission is to *enhance your life by smart usage of digital technology.*

We promise to provide you:

- ♦ Easy-to-use products to help you manage and enjoy your digital content
- ♦ Attractive products to accentuate your unique style
- ♦ Education and support to help you understand the quickly changing digital technology

We aim to provide you a level of customer satisfaction that exceeds your expectations.

Let Digital Foci help *Optimize your Digital Living.*

For more information about Photo Safe and other products from Digital Foci, please visit our website at:

[www.digitalfoci.com](http://www.digitalfoci.com)

Congratulations on purchasing your Photo Safe - Portable Picture Storage with Hard Drive & Card Reader.

Ways you can use Photo Safe:

- ♦ Save precious vacation pictures directly from digital camera memory cards so you can free up memory card space and keep shooting
- ♦ Easily get your set of photos from your friends' and family members' digital cameras
- ♦ Use Photo Safe as an external hard drive for backing up your computer
- ♦ Access all popular memory card formats: CF, MD, MMC, SD/HC, MS, MS PRO, xD
- ♦ Transfer files between computers and memory card supported devices

#### Supported Memory Card Formats

CompactFlash, MicroDrive, Secure Digital (SD), SDHC, MultiMedia Card (MMC), Memory Stick, MS PRO, xD-Picture Card (miniSD, RS-MMC, MS Duo, MS PRO Duo with standard adapter)

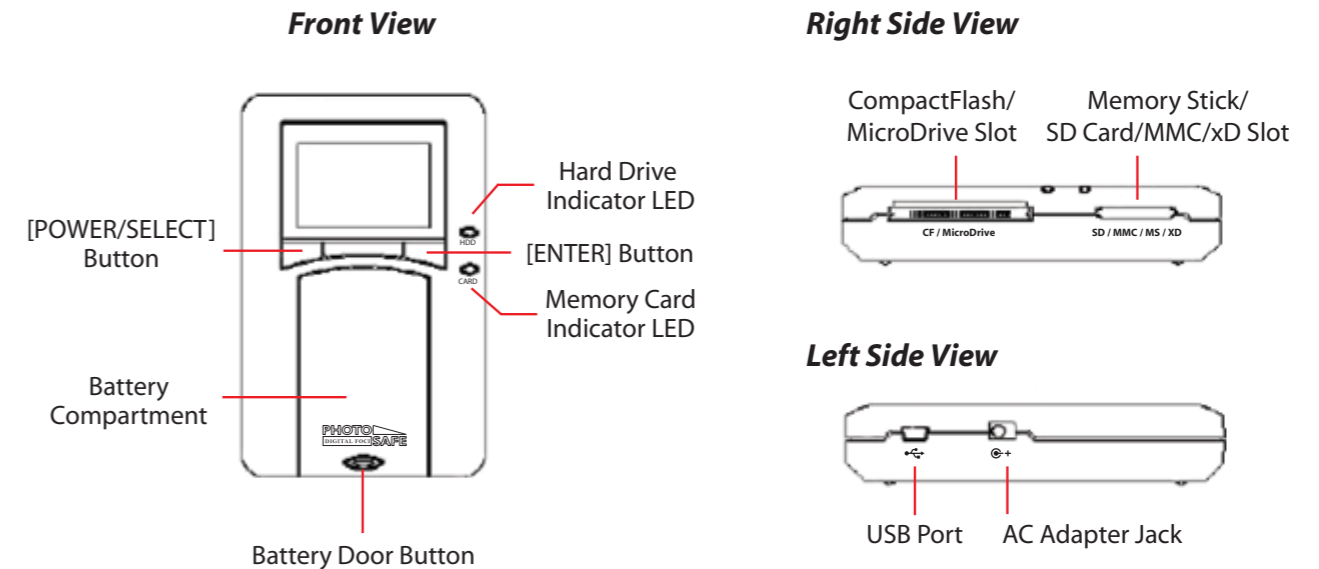
#### System Requirements for Computer Connection

- 1) Computer running any of the following operating systems:
  - ♦ Windows Vista, XP Home/Pro, ME, 2000
  - ♦ Macintosh OS 9.0 & later
- 2) One available USB Port

## Package Contents:

- ♦ Photo Safe
- ♦ Rechargeable Li-Ion battery
- ♦ Carrying case
- ♦ USB cable
- ♦ AC power adapter
- ♦ User's Guide

## Device Layout



## Technical Specifications

Model no.	PSF-250
LCD display	1.9" text/icon LCD screen with backlight
Hard drive	5400rpm 2.5" hard drive
Supported memory cards	CompactFlash, MicroDrive, Memory Stick, MS PRO, Secure Digital (SD), SDHC, MultiMedia Card (MMC), xD-Picture Card (MS Duo, MS PRO Duo, miniSD, and RS-MMC with standard adapter)
Computer interface	USB 2.0 (compatible with USB 1.1)
Transfer rate	PSF-250 to computer: Up to 480 Mb/sec Memory card to PSF-250: Up to 4.8 MB/sec* (* Copies a full 1GB CF card in about 3.5 minutes)
Copy status indicator	Percentage completed, copy confirmation, number of files copied, sequence number of created folder
Operational status indicator	Memory card type, active partition, remaining hard drive capacity, battery life
LED indicators	Data access status for memory card and hard drive
External power	100-240V AC to 5V/1A DC
Battery power	3.6V 900mAh user-removable rechargeable Li-Ion battery Rechargeable via USB or external power adapter
Battery life	Approximately 1.5 hours (Copies a 512MB card 18 times on a full charge)
Auto shut-off	Yes (after 30 seconds of inactivity)
OS compatibility	Windows Vista, XP Home/Pro, 2000 Macintosh OS 9.0 & later
File system	FAT32
Supports multiple partition	Yes
Dimensions	4.6" (L) x 3.0" (W) x 0.8" (H)
Weight	0.6 lb. (with hard drive and battery)

## Powering Photo Safe

**NOTE:** Photo Safe ships with battery pre-installed for your convenience.

### Charging the Battery

For best battery performance, charge the new battery for **6 hours** with the included AC power adapter.

The on-screen battery icon will flash to indicate that the battery is charging. When the battery is fully charged, the battery icon will stop flashing and show 3 full bars.

**NOTE:** If the battery does not charge automatically (i.e. battery icon is not flashing) when connected to the AC adapter, press the [POWER] button to start the charging operation.

**NOTE:** To ensure stable power supply, always use AC power when your Photo Safe is connected to your computer by USB.

### Power On/Off

To turn on Photo Safe, press and hold the [POWER] button for 3 seconds. The LCD will turn on.

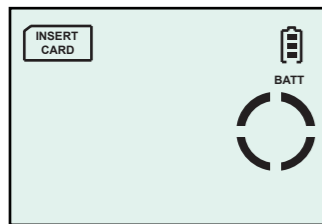
To turn off Photo Safe, press and hold the [POWER] button for 3 seconds. As a battery saving feature, Photo Safe turns off automatically after 30 seconds of inactivity.

### Installing New Battery

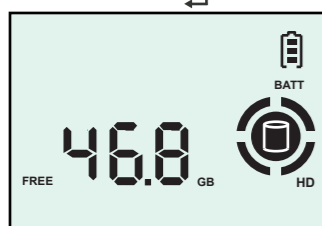
1. Remove the battery cover on Photo Safe by pressing down the battery door button and pushing the door outward.
2. Remove the transparent film wrap from the Li-Ion battery.
3. Insert the Li-Ion battery into the battery compartment by matching the gold connectors at the top.
4. Replace the battery door and make sure it is closed firmly.

## Copying Photos from Memory Card to Photo Safe

1. Power on Photo Safe by pressing the [POWER] button for 3 seconds. The LCD will turn on, and the {INSERT CARD} icon will flash, prompting you to insert a memory card.

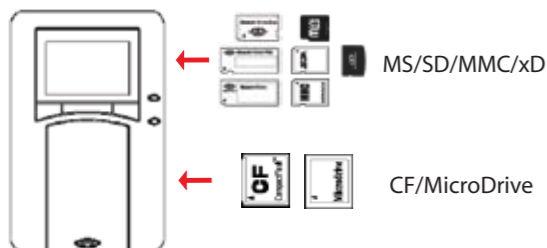


2. To see the available hard drive space on Photo Safe, press the [ENTER / ↵] button.

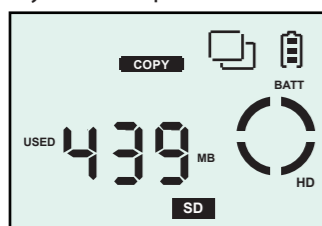


3. Insert the memory card into its designated slot with the label side of the card facing up.

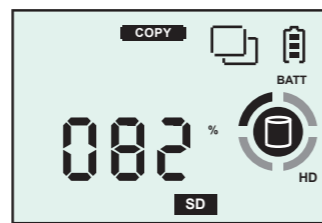
**Note:** Adapters required for miniSD, RS-MMC, MS Duo/PRO Duo.



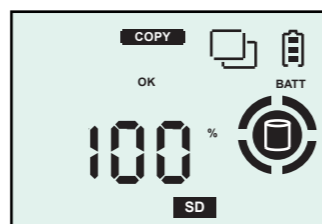
4. Once the memory card is inserted, Photo Safe will display the memory card type and amount of data on the card. The {COPY} icon will flash, indicating that Photo Safe is ready for backup.



5. Press the [ENTER / ↵] button to start the copy task. The Card LED will blink to indicate that the memory card is being accessed and copy is in progress. Photo Safe will display the percentage of the total copy task completed as it progresses.

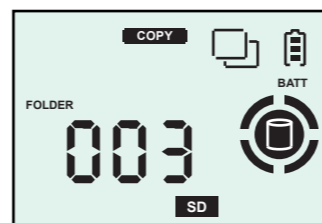
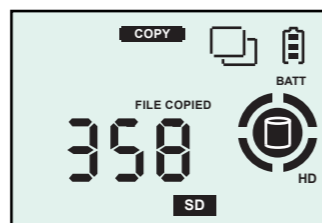


6. When copy is completed, you will see copy confirmation {OK} and {100%}, indicating that data on the card has been copied.



7. By pressing and holding the [ENTER / ↵] button, the screen will toggle between:

- (a) the total number of files copied, and
- (b) the folder number created to which the files are copied.



8. You may remove the memory card and turn off the device by pressing the [POWER] button for 3 seconds until the LCD turns off. Photo Safe also has a battery saving feature that turns off automatically after 30 seconds of inactivity.

**NOTE:** In the unlikely event that the data backup fails, the copy operation will stop and the {ERROR} icon will be displayed. You may choose to repeat the operation.

## Accessing your Copied Files on Your Computer

### Connecting Photo Safe to Your Computer

Connect Photo Safe to your computer with the included USB cable.

To ensure stable power supply, always use AC power adapter when connecting Photo Safe to your computer by USB. When connected, Photo Safe will display an USB icon on its screen.

Your computer will automatically recognize Photo Safe and show 1 hard drive and 2 removable devices.

The 3 devices will be listed in this sequence: (Drive letters may vary)

- (g:) CF/MD card slot (shown as a Removable Disk)
- (h:) SD/MMC/MS/xD card slot (shown as a Removable Disk)
- (i:) Photo Safe hard drive (labeled 'HARDDISK')



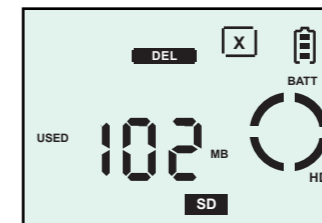
Once connected to your computer, Photo Safe becomes an external hard drive and multi-format memory card reader/writer. You can access files on Photo Safe and inserted memory cards with your computer, and you can transfer files between Photo Safe, inserted memory cards, and your computer.

## Additional Features

### Deleting Memory Card Contents with Photo Safe

You can use Photo Safe to delete all the data on your memory card.

1. Insert the memory card in its designated slot. Note that the delete feature will not be available if 2 cards are inserted at the same time.
2. Press the [POWER/SELECT] button to switch to DELETE mode. The {DEL} icon will flash, indicating that Photo Safe is ready to delete the card.
3. Press and hold the [ENTER / ↵] button for 3 seconds to execute the delete operation.
4. When deletion is completed, you will see the screen confirmation - {OK} and {100%}.



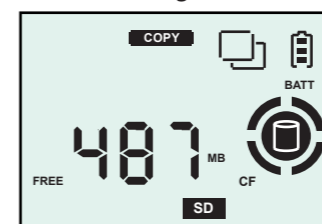
**NOTE:** You cannot delete files stored on the Photo Safe hard drive directly. To delete files from the hard drive, connect Photo Safe to your computer.

### Copying from MS/SD/MMC/xD Card to CF Card

You can use Photo Safe to copy card content from a Memory Stick, SD, MMC or xD-Picture Card onto a CompactFlash card.



1. First, insert the card (Memory Stick, SD, MMC, or xD) with the files you want to copy.
2. Next, insert the CF card to which you'd like to copy the files.
3. Press the [POWER/SELECT] button to switch the designated copy location from HD to CF. Photo Safe will show the CF indicator and the free space on the CF card.
4. Press the [ENTER / ↵] button to start copy. Data on your MS/SD/MMC/xD card will be copied onto the CF card.



### Locating your Copied Files on Your Computer

For each copy, Photo Safe creates a unique folder name indicating memory card type and copy sequence number for each card type to help you easily locate your files.

The created folder and copied contents will be located within the default **FILES** folder on the Photo Safe hard drive.

Each 7-character folder name is made up of 2 parts:

- (a) The first 2 characters are letters that indicate the type of memory card copied:  
CF = CompactFlash, MicroDrive SD = Secure Digital  
MS = Memory Stick formats MC = MultiMedia Card  
xD = xD-Picture Card
- (b) The next 5 characters are sequential numbers, starting from '00001', that indicate the order of the folder created for the specific card format copied.

For example:



### Important Note about Formatting Photo Safe

Please note that the Photo Safe hard drive has to be formatted in **FAT32 format** for Windows (or **MS-DOS file system** for Mac), in order for the card copy function to work. It will not work under NTFS format. Please contact [support@digitalfoci.com](mailto:support@digitalfoci.com) if you need assistance.

Also note that formatting Photo Safe will delete all data on your Photo Safe hard drive.

### Utilizing Multiple Partitions on Photo Safe

Photo Safe supports multiple partitions on its hard drive. You can use this feature to help organize your copy tasks. Before each copy task, you can select to which specific partition to copy your memory card content.

1. Create multiple partitions on the Photo Safe hard drive with a partition software. Make sure that the partitions are formatted with FAT32 as primary partitions.
2. Turn on Photo Safe. Press the [ENTER / ↵] button once, and Photo Safe will show you the first partition and its remaining hard drive space.
3. Press the [POWER/SELECT] button to select a different partition. Photo Safe will show the active partition and its free space. Press the [POWER/SELECT] button until you see the desired partition for your copy task.
4. Insert your memory card into Photo Safe. Start the copy task by pressing the [ENTER / ↵] button. Your card content will be copied to the specific partition you selected.

### FAQs & Firmware Update

Check the Digital Foci website ([www.digitalfoci.com/support](http://www.digitalfoci.com/support)) for Frequently Asked Questions and any available firmware updates.

### Technical Support

If you have any questions about using your Photo Safe, please contact Digital Foci technical support at: [support@digitalfoci.com](mailto:support@digitalfoci.com) or call toll-free 1-888-669-3624