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Table of Contents

1.   PRODUCT DESCRIPTION

PNY DUO-LINK USB 3.0 OTG flash drive designed for Apple iPhone and iPad with an integrated Apple Lightning connector that works with most iOS devices, and a standard USB connector that works with both Mac and PC computers.

The free DUO-LINK 4 App allows users to:

- Sync & Share content between your iPhone, iPad, or iPad Touch and Mac or PC computer quickly and easily.

- Charge iPhone/iPad/iPod Touch by connecting to DUO LINK and power source.

- Download & Store videos, photos, music, and more from iOS devices and Mac or PC computers directly to DUO LINK.

- Free Up Space on iPhone, iPad, and iPod Touch by saving digital content to DUO LINK.

- Back Up contacts and digital content anytime, anywhere, no Wi-Fi connection needed.

- Access & Stream documents, photos, video, and music files stored on the DUO-LINK OTG flash drive.

* Note: The DUO-LINK 4 App is not required for use on a Mac or PC.

Physical Description

No.	Name	Description
1	Apple Lightning Connector	Connector for use with iOS devices, such as iPhone, iPad, and iPod Touch
2	Standard USB Type A Connector	Connector for use with Mac or PC laptop or desktop computer
3	Flexible Cable	Flexible yet durable cable for connecting and charging devices
4	Clamp	Clamp to hold cable in place during use

2.   SYSTEM REQUIREMENTS & COMPATIBILITY

DUO LINK is compatible with the following operating systems:

- **Apple Mobile Devices**: iOS 8 and later

- **Mac Computers**: Mac OS 8 and later

- **Windows PC's**: Windows 7 and later

DUO LINK is compatible with the following host devices:

- **Mobile Devices:**

  o   iPhone 5, iPhone 5c, iPhone 5s, iPhone 6, iPhone 6 Plus, iPhone 6s, iPhone 6s Plus, iPhone SE, iPhone 7, iPhone 7 Plus, iPhone 8, iPhone 8 Plus, iPhone X.

  o   iPad Air, iPad Air 2.

  o   iPad mini, iPad mini 2, iPad mini 3, iPad mini 4.

  o   iPad 4th generation.

  o   9.7-inch iPad Pro, 10.5-inch iPad Pro,12.9-inch iPad Pro, 12.9-inch iPad Pro 2nd generation.

- **Laptop and Desktop Computers:** Mac and PC.

*Note: DUO LINK supports FAT32 and exFAT file formats.

3.   DUO LINK 4 APP INSTALLATION

Note: App installation requires an Apple ID and Internet connection to perform. If you do not have an Apple ID, please refer to the following links to apply for an Apple ID: https://appleid.apple.com/account#!&page=create

Primary Method to Access the App:

When you insert the DUO LINK USB 3.0 OTG Flash Drive into your iOS device for the first time, a message will appear, asking if you would like to get the app from the App Store. Tap "App Store" to go to the DUO-LINK 4 app.
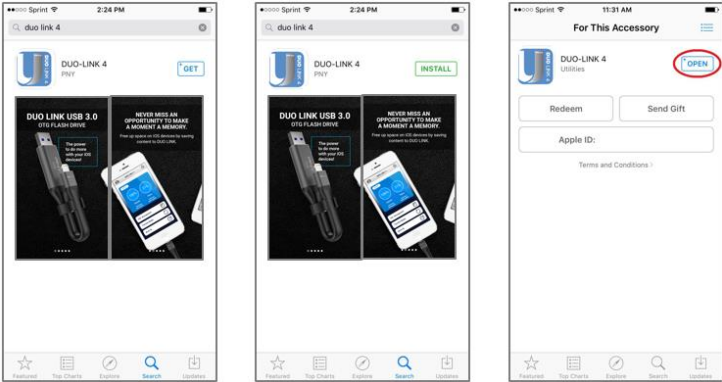
Alternative Method to Access the App:
Go the App store. Search for the DUO LINK 4 App (   ) by inputting "DUO LINK 4" into the search field.
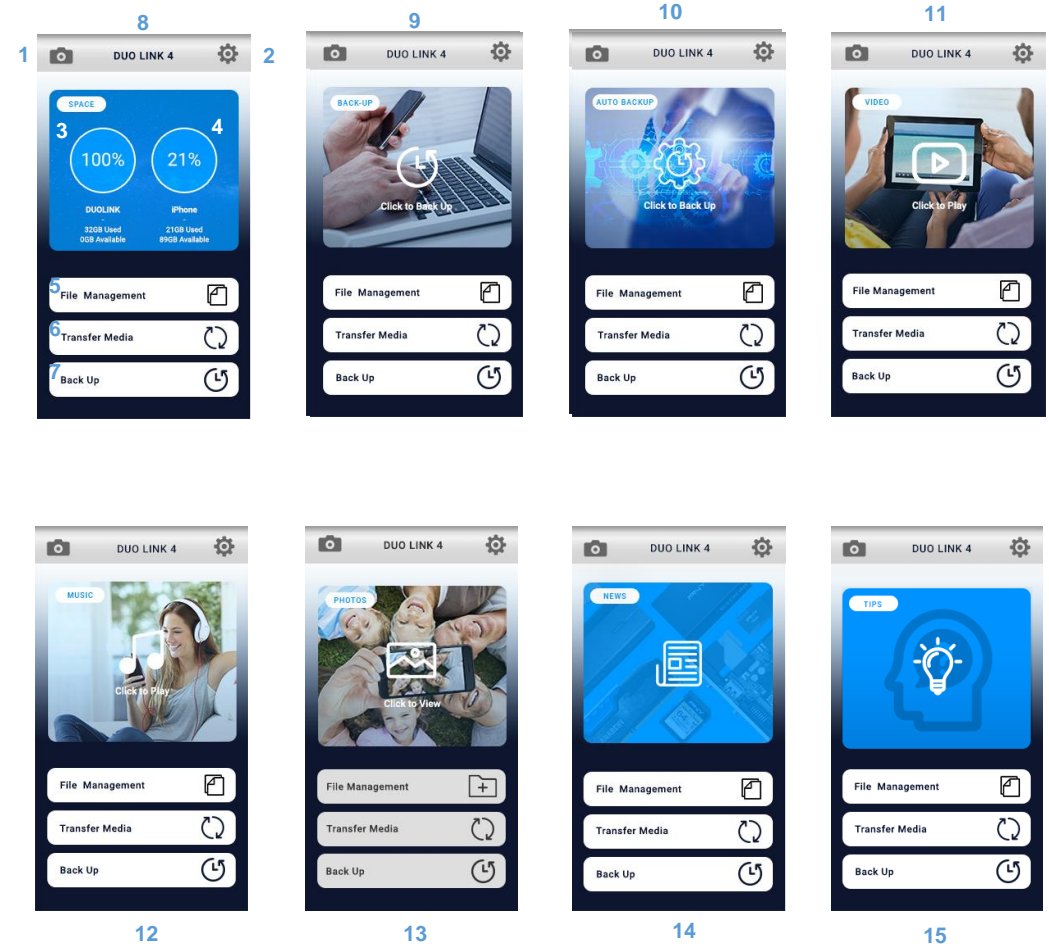
Tap the "GET" button.

Tap "INSTALL" button to download the app onto iOS device.

Tap "OPEN" to open the DUO LINK 4 App.

4. DUO LINK 4 APP MOVING SCREENS

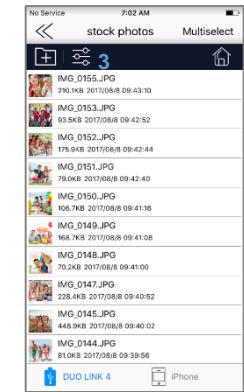| #	Name	Description
1	Camera	Takes photos and shoots video direct from the app. The photos and video will be saved automatically on the DUO-LINK USB 3.0 OTG flashdrive.
2	Settings	Provides access to information about the app, language preferences, encryption feature, user manual, and a direct web link to PNY's dedicated DUO LINK landing page. Allows for formatting of DUO-LINK.
3	DUO LINK Storage	When DUO LINK is connected to an iOS device, this status circle illustrates the drive's available versus used storage.
4	iOS Storage	When DUO LINK is connected to an iOS device, this status circle illustrates the iOS device's available versus used storage.
5	File Management	Contains functions allowing for the sync, share, transfer, & copy of files between iOS devices and laptop or desktop computers.
6	Transfer Media	Alternative method of syncing, sharing, transferring, & copying files between iOS devices and laptop or desktop computers.
7	Backup	Backup and restore contacts, photos, and videos
8	Space	Provides information with regard to capacity available and used on iOS devices and DUO LINK.
9	Backup	Alternative method of backing up and restoring contacts, photos, and videos.
10	Auto Backup	Schedule automatic backups of contacts, photos, and videos at scheduled intervals.
11	Video	Appears on the top left section of the home screen when music is playing on the device. Tap the music bar to go to the music player.
12	Music	
13	Photos	
14	News	
15	Tips	

5.   FILE MANAGEMENT

5.1. Types of Views

- When selecting the File Management command, (as an alternative, the Transfer Media command can also be used), all files in the specific directory will be listed.

- The following views are available:

  o   Grid View

  o   List View

Grid View   **List View**

Within the File Management frame, the following commands are available.

#	Command Icon	Command Description
1		Create new folder
2		View files as thumbnails
3		View files as list
4		Navigate to home (Space) screen
5	Multiselect	Select multiple files for management simultaneously
6	≪	Go back to previous screen

• In the DUO LINK 4 app, view and manage files stored on both the DUO LINK USB 3.0 OTG Flash drive and iOS device. The icon highlighted in blue at the bottom of the screen identifies the location of the files shown on the screen.

- Tap the [iPhone] icon to view and manage files on the iOS drive.

- Tap the [DUO LINK 4] icon to view and manage files on the DUO LINK USB 3.0 OTG flash drive.

DUO LINK 4	iPhone	Viewing files stored on the iOS device
DUO LINK 4	iPhone	Viewing files stored on the DUO-LINK OTG Flash Drive

5.2. Select Files to Copy, Move, Share or Rename

• To select files, tap the "Multiselect" icon in the top right section of the screen.

• You can choose to select all files in the directory or specific files for copying or moving files.

• To select ALL files in the directory, tap the "Select all" command on the left hand section of the screen. To unselect ALL files, tap the "Unselect all" command on top left section of the screen again.
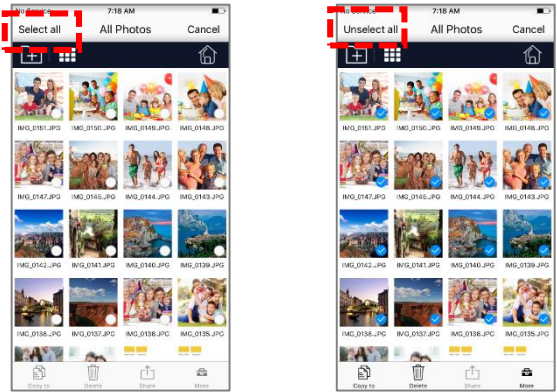
• To select specific files or folders, tap the individual file or folder by tapping on it. Repeat this action for each file or folder that you want to select. To unselect a file or folder, tap the individual file or folder again. Repeat this action for each file or folder that you want to unselect.

- After files or folders have been selected, you can choose to copy (see section 5.1.3), move (section 5.1.4), share (section 5.1.5), or rename (section 5.1.6) the selected files or folders. When renaming a file, you can select only one file at a time.

- While in the File/Folder, you can select to go directly to the home screen. 🏠

5.2.1.   Copy Files

- Select the files or folders to be copied (see instructions in 5.1.2). Copy the selected files or folders by selecting the ▤ icon in the lower left section of the screen.
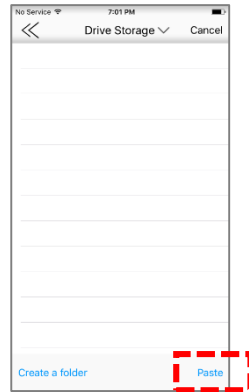
- Select "Copy" button.

- Choose the specific location to place the file copies.

  o Select "iOS Storage" to save the files to the iOS device (i.e. iPhone or iPad).

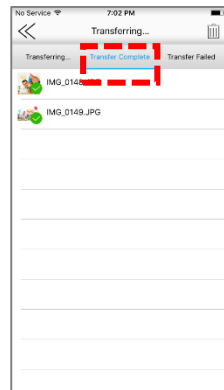 o Select "Drive Storage" to save the files to the DUO LINK USB 3.0 OTG Flash Drive.
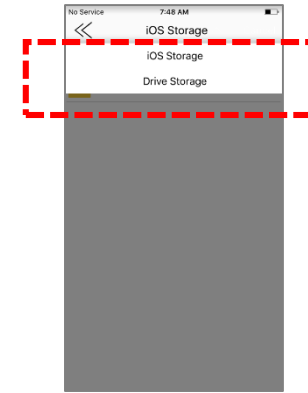
- Choose the specific location within either the iOS device or the DUO LINK USB 3.0 OTG Flash Drive where the file should be pasted.

  o For "iOS storage", you can choose to place the file copy in one of the following locations:

    ▪ on the iOS device or

    ▪ in existing folder on the iOS device

  o For "Drive Storage" you can choose to place the file copy in one of the following locations:

    ▪ on the OTG flash drive

    ▪ in an existing folder on the OTG flash drive

    ▪ in a newly created folder (A new folder can be created by tapping "Create a folder" in the lower left section of the screen.)

- Select "Paste' in the bottom right section of the screen.

- Select "Paste' in the bottom right section of the screen.

- The transfer screen will show then the file transfer has been completed. (See section 5.1.5 for more details about the file transfer status.)
  - o A green circle with a check mark indicates that file transfer was success.

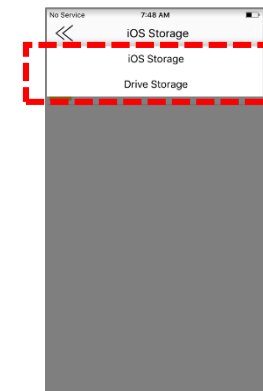**5.2.2.   Move Files**

- Select the files or folders to be moved (See section 5.1.2 for details on selecting files). Move the selected files by tapping the ☖ icon in the lower right section of the screen.
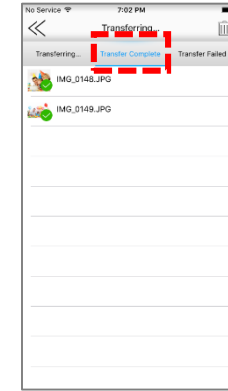 More

- Select "More" button.

  - o Select "Move To"
- Choose the specific location where the file or folders should be moved:
  - o Select "iOS Storage" to save the files to the iOS device (i.e. iPhone or iPad).
  - o Select "Drive Storage" to save the files to the DUO LINK USB 3.0 OTG Flash Drive.

- Choose the specific location within either the iOS device or the DUO LINK USB 3.0 OTG Flash Drive where the file should be moved.

  o For "iOS storage", you can choose to place the file in one of the following locations:

    ▪ on the iOS device or

    ▪ in existing folder on the iOS device

  o For "Drive Storage" you can choose to place the file in one of the following locations:

    ▪ on the OTG flash drive

    ▪ in an existing folder on the OTG flash drive

    ▪ in a newly created folder (A new folder can be created by tapping "Create a folder" in the lower left section of the screen.)

- Select "Paste' in the bottom right section of the screen.

- The transfer screen will show then the file transfer has been completed. (See section 5.1.5 for more details about the file transfer status.)

  o A green circle with a check mark indicates that file transfer was success.

5.2.3.   File Transfer Status

- When you "paste" files that were copied or moved, a transfer screen will appear and provide the transfer status of the selected files.

  o "Transferring" Status

    ▪ The "Transferring" window will show the files in the process of being transferred. File transfer can be canceled, if needed, by tapping the X on the right side of the progress bar.
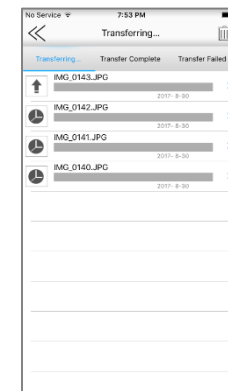
o   "Transfer Complete" Status

- Tap "Transfer Complete" in the middle section of the screen to view the record(s) of the completed file transfers.

- A green circle with a check mark indicates that file transfer was success.

5.1.6 Share Files
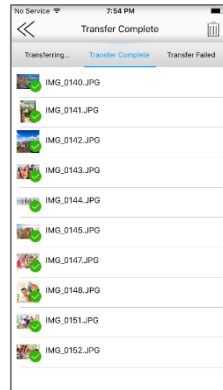
The records of the transfers can be deleted by tapping the trash can icon in the top right section of the screen.
Note: Tapping the trash icon will <u>delete only the records</u> of the transfers completed. It does not delete the actual files
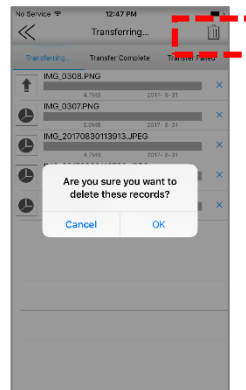

"Transfer Failed" Status
The "Transfer Failed" window will show files that did not successfully transfer. Typically, a file transfers fails because the file format is not supported or the file size is too large for the destination folder. See section 5.3 for the list of file formats supported by DUO-LINK 4

5.2.4.   Share Files

Select the files to be shared (see instructions in 5.1.2).   Share the selected files by selecting the [Share] icon at the bottom middle section of the screen.
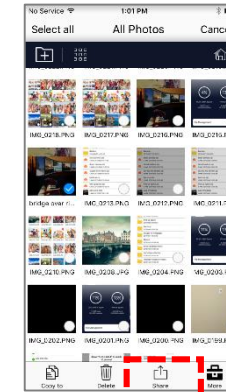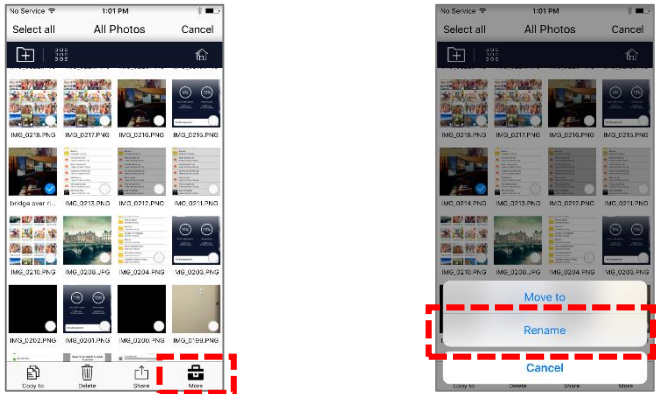

Apple's built-in sharing tools will appear.
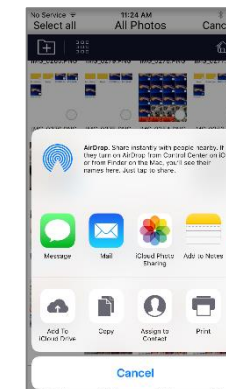
5.2.5. Rename Files

- Select the file to be renamed (see instructions in 5.1.2). Only one file can be renamed at a time. Rename the selected file by tapping the 🗄 icon in the lower right section of the screen. Select "Rename.
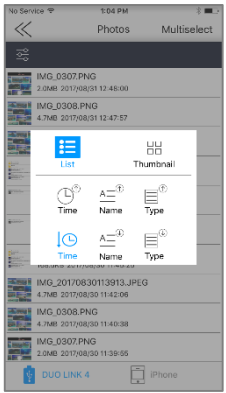
- Type to new name into the box. Tap "OK". Note: The name length can be no more than 200 bits and cannot contain the following characters: \   / :   * ? " < > .
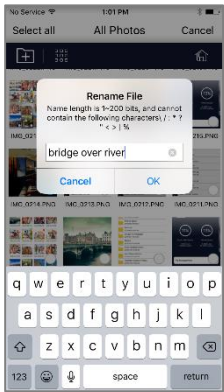
- Only images and folders saved on DUO LINK can be renamed.

5.2.6. Sort Files

- **Tap the** ⊞ **or** ☰ **icon on the left side of the screen and the sort options will appear. Sort by time, name, file type, ascending or descending order.**

- Only images and folders saved on DUO LINK can be sorted / indexed.

5.3. File Types Supported by DUO-LINK 4

Video	Audio	Picture	Document
M4V/MP4/MOV	M4A|CAF|AIFF|ASF|AAC,mp3,wav	TIFF, JPEG,JPG,PNG,GIF,BMP	DOC, DOCX, PAGES, RTF, TXT, PPT,PPTX,PDF,XLS,XLSX,NUMBERS,KEY,HTML

- Movie, video, and audio files that are DRM protected cannot be played on the drive.

6. PHOTO, VIDEO AND MUSIC PLAY

6.1. Browse Photos

- From the home screen, slide moving screen to the left until you reach the "Photos" screen.

- Tap anywhere on the image to browse images, folders and albums.

- Tap a photo file and it will switch to the picture browsing mode.

  - While in the photo browsing mode, swipe right to continue browsing other photos. Swipe left to go back to photos previously viewed.

- The menu at the bottom contains buttons to play/pause, play background music, save a photo to the device and share a photo.

- Delete photos by tapping the trash can icon in the top right section of the screen.
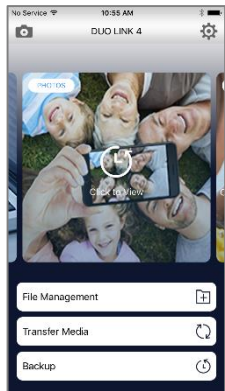
6.2. Play Video

- From the home screen, slide moving screen to the left until you reach the "Videos" screen.

- Tap anywhere on the thumbnails to browse videos, folders and albums.

- Tap a video file and it will switch to the video playback mode. Slide the progress bar from left to right to adjust the broadcast pace. Listed below, the menu contains buttons to change screen orientation, "play/pause" video, rewind video and fast-forward video,

- Swipe the menu to access controls to adjust the brightness or the video of the video.
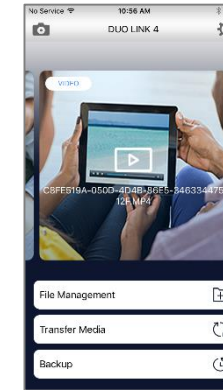
- The player supports the following file formats: M4V, MP4 and MOV. If a file format is not noted above, tap "Use third-party player" to open the video. Use VLC, Good player, OPlayer or OPlayer Lite.

- Movie and video files that are DRM-protected cannot be played on the drive.
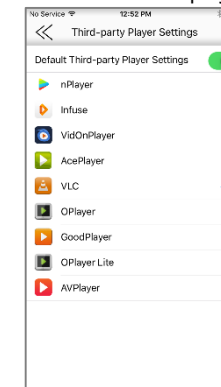
6.3. Play Music

- From the home screen, slide moving screen to the left until you reach the "Music" screen.

- Tap anywhere on the thumbnails to browse music, folders and albums.

- Tap a music file and it will switch to music playing mode.

- The menu at the bottom contains buttons to play/pause, play background music, save a photo to the device and share a photo.

⇉	⏮	⏸	⏭	⬆
Shuffle music order Repeat song(s)	Go back to the last music file	Play or Pause	Go to the next music file	Share the file

- Adjust the playing progress by dragging the progress bar.
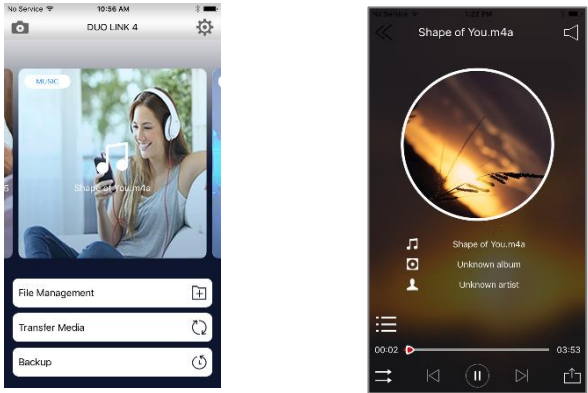
- Audio files that are DRM-protected cannot be played on the drive.

7. CAMERA DIRECT

7.1. Shooting Photos and Videos directly to the camera roll on DUO LINK Drive.

- Connect DUO LINK Drive to iPhone or iPad.

- Slide device screen left or right to toggle between photo and video modes.

- Tap the button on bottom center of the screen to start shooting.

- Tap the "Switch view" on bottom right corner of the screen to switch views between rear camera and front camera.

- Tap the flash button to enable flash for picture taking. Flash icon will turn green to indicate that it is on.

- Tap the back arrow on bottom left corner of the screen to exit.

- Photos and videos will be saved automatically to "camera" folder in the File/Folder Directory
- From the home screen tap on "File Management
    - Tap on "Camera" folder to view the pictures.
    - Tap on "Video" folder to view videos.
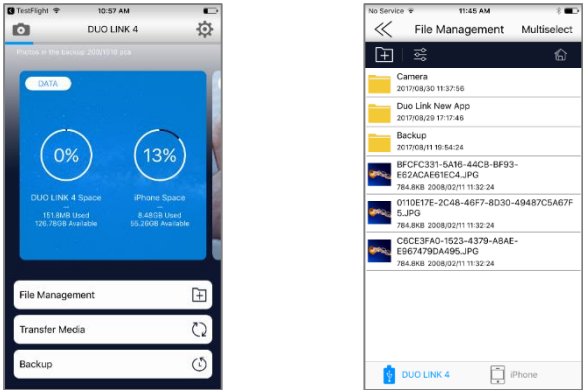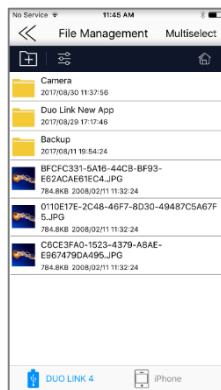
8.   BACKUP

8.1.   iPhone and iPad Backup

- From the home screen, tap on backup button.

- Select type of backup: phone backup, which includes photos, videos and documents, or just contacts backup.

- Tap on "Start Backup".

- Once backup is complete, a prompt will appear with number of files that were successfully backed.

- Tap "OK".
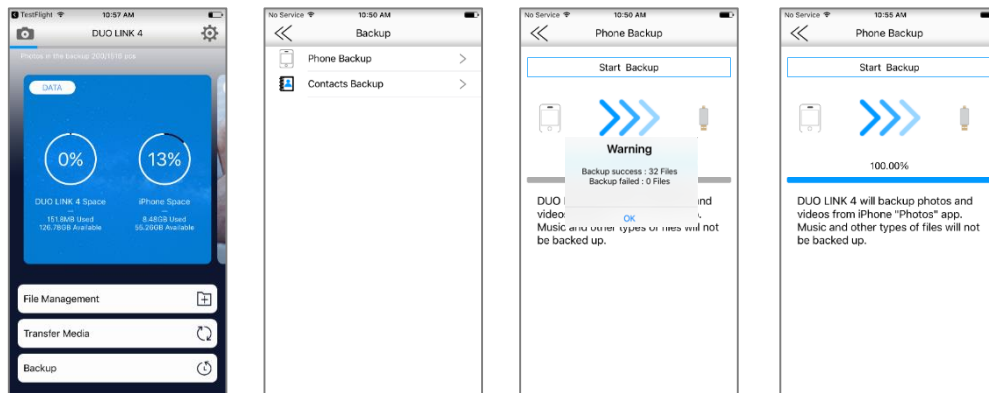
• The backed up files will be stored in the "Backup" folder in the File/Folder Directory. Access the Backup folder by tapping "File Management" on the home screen. Tap the Backup folder.

### 8.2.   Restore Contacts back up

- From the home screen, tap on backup button.

- Select type of backup to be restored: phone backup or contacts backup.

- Tap on "Restore Backup".

- Select the record which contains the backup you need to restore.

- Tap on the backup record at the bottom of the screen to restore, or tap cancel to stop the restore operation.
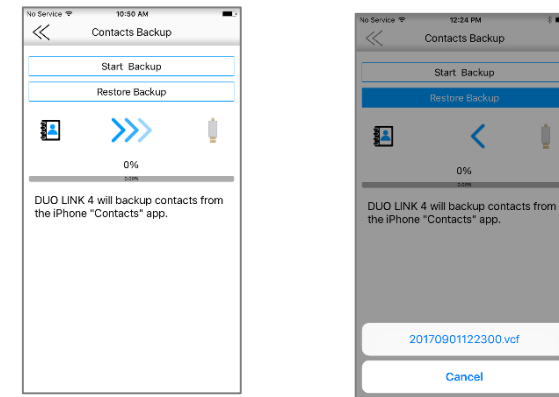
9. **SETTINGS**

9. 1. **Access Settings**

- From any of the moving screens, tap on the "gear" icon on top right corner to enter DUO LINK settings.
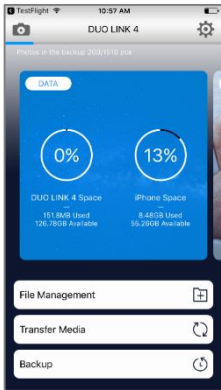
9.2.   Cache
- The cache acts as a temporary storage space for App. You can set the limit of data to be saved in the cache before it automatically clears. Choose 512M, 1G or 2G by tapping the white circle, and an orange circle will appear.

- Select "Clear Cache" button to clear data in the cache and free up space on the iOS device.
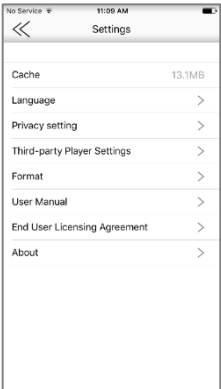
- The cache acts as a temporary storage space for App. You can set the limit of data to be saved in the cache before it automatically clears. Choose 512M, 1G or 2G by tapping the white circle, and an orange circle will appear.

- Select "Clear Cache" button to clear data in the cache and free up space on the iOS device.
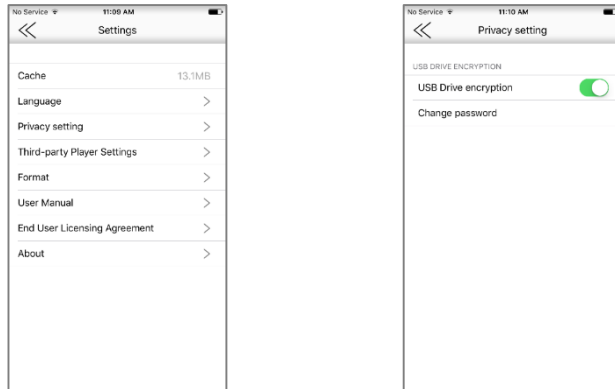
9.3.   Language Settings

- Set the default language of the DUO-LINK 4 app. This setting does not affect the language on the iPhone or iPad.
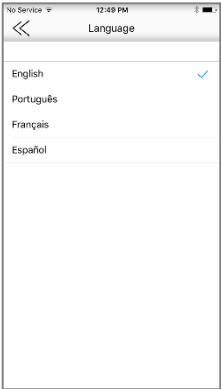
9.4. Encryption

- Tap on "Privacy Setting"
- Toggle USB Drive Encryption to "On position" by sliding it to the right.

- Enter a "six" digit password
- Re-enter the same "six" digit password.
- Tap "OK".

- WARNING: Before using DUO LINK drive in any computer, ensure that encryption mode is set to "off" position.

9.5. Format DUO LINK

- Tap "Format" button on the settings menu to format the DUO-LINK OTG Flash drive. A message will appear to confirm that you want to format the drive. Tap the "Format" button to format the drive.

- WARNING: Formatting the OTG flash drive will erase all data on the flash drive.
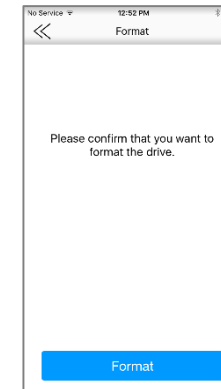
- The following message will appear, "WARNING: Formatting will erase all of the data on the flash drive. Please confirm that you want to format the drive". Tap "OK" to confirm that you want to format the drive.
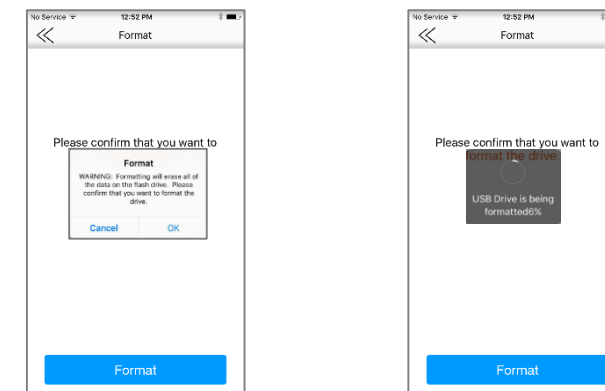
9.6.　　　　　User Manual

- Tap on "User Manual"
- A link will pop-up and will re-direct you to PNY DUO LINK user manual in .pdf format, viewable from your device.

```
No Service ⏴    12:52 PM    ⚹ ▪
  ≪          User Manual




        http://www.pny.com/
        DUOLINKusermanual




```
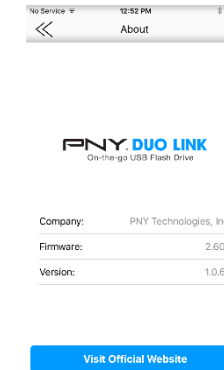
9.7.　　　　　End User License Agreement

- Tap on "End User License Agreement".
- A link will pop-up and will re-direct you to PNY DUO LINK end user license agreement that can be viewed from your device.

```
No Service ⏴    1:06 PM    ⚹ ▪
  ≪    End User Licensing Agreement




        http://www.pny.com/
        DUOLINKuseragreement




```

9.8.　　　　　About

- Access "About" to learn about the PNY DUO-LINK 4 firmware and app version information, and visit the PNY.com website.

```
No Service ⏴    12:52 PM    ⚹ ▪
  ≪            About




        PNY. DUO LINK
        On-the-go USB Flash Drive


  Company:        PNY Technologies, Inc.

  Firmware:                      2.60.1

  Version:                       1.0.64



        Visit Official Website
```

Contact Us

E-Mail Technical Support: tsupport@pny.com (USA) Phone Technical Support: 1 (800) 234-4597

(USA) Website: www.PNY.com