

PNY DUO-LINK 4 User Manual



Table of Contents

1. PRODUCT DESCRIPTION	3
2. SYSTEM REQUIREMENTS	4
3. DUO-LINK APP INSTALLATION	4
4. DUO-LINK APP DESCRIPTION	6
5. FILE MANAGEMENT	7
5.1 Types of Views	7
5.2 Select Files to Copy, Move, Share or Rename	8
5.3 Copy Files	9
5.4 Move Files	11
5.5 File Transfer Status	12
5.6 Share Files	14
5.7 Rename Files	15
5.8 Sort Files	16
5.9 File Types Supported by DUO-LINK4	16
6. PHOTO & VIDEO PLAY	17
6.1 Browse Photos	17
6.2. Play Video	17
7. MUSIC PLAY	18
8. USE CAMERA WHILE IN DUO-LINK APP	19
8.1 Shoot Photos	19
8.2. Shoot Video	20
9. BACKUP DIRECTORY	21
9.1 Phone backup	22
9.2 Contacts Backup	24
9.3 Restore Phone Contents and Contacts backed up	25
10. SETTINGS	26
10.1 Cache	26
10.2 Language settings	27
10.3 Third Party Settings	27
10.4 Format	28
10.5 ABOUT	29
10.6 Contact Us	29

Compatible PNY DUO-LINK On-The-GO (OTG) Products



1. PRODUCT DESCRIPTION

PNY DUO-LINK is an on-the-go USB flash drive with an integrated Apple Lightning connector that works with iOS devices (iPhone, iPad, iPod touch) and a standard USB connector that works with both Mac and PC Computers.

DUO-LINK 4 App allows users to:

- Easily transfer files between Mac/PC computers and iOS devices (iPhone, iPad, iPod touch). Browse and view documents, photos and video files and listen to music files stored on the DUO-LINK OTG flash drive and iOS device.
- Backup and restore iOS contacts and Phone contents
- Use DUO-LINK as an traditional USB flash drive on Mac and PC

* 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 to iOS devices, such as iPhone and iPad
2	Standard USB Type A Connector	Connector to Mac or PC

2. SYSTEM REQUIREMENTS

DUO-LINK is compatible with:

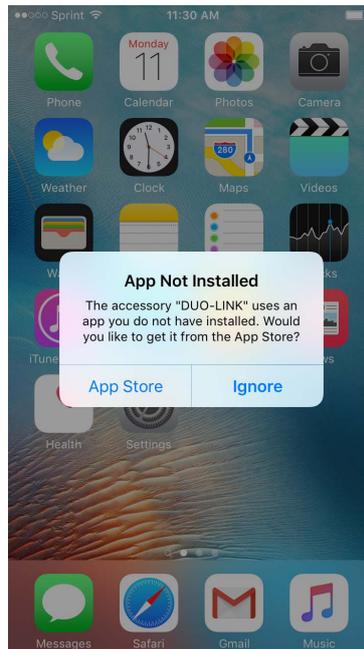
- **iOS device:** iPhone 5 and newer, iPad mini, iPad mini with Retina display, iPad (4th generation), iPad Air, iPod touch (5th generation) and later.
- **iOS:** Version 8 and higher
- **PC:** Windows 8 and 10. Mac OS 10.5 and higher

DUO-LINK 4 supports FAT32 and exFAT file systems.

3. DUO-LINK 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: <http://support.apple.com/kb/HT5622>

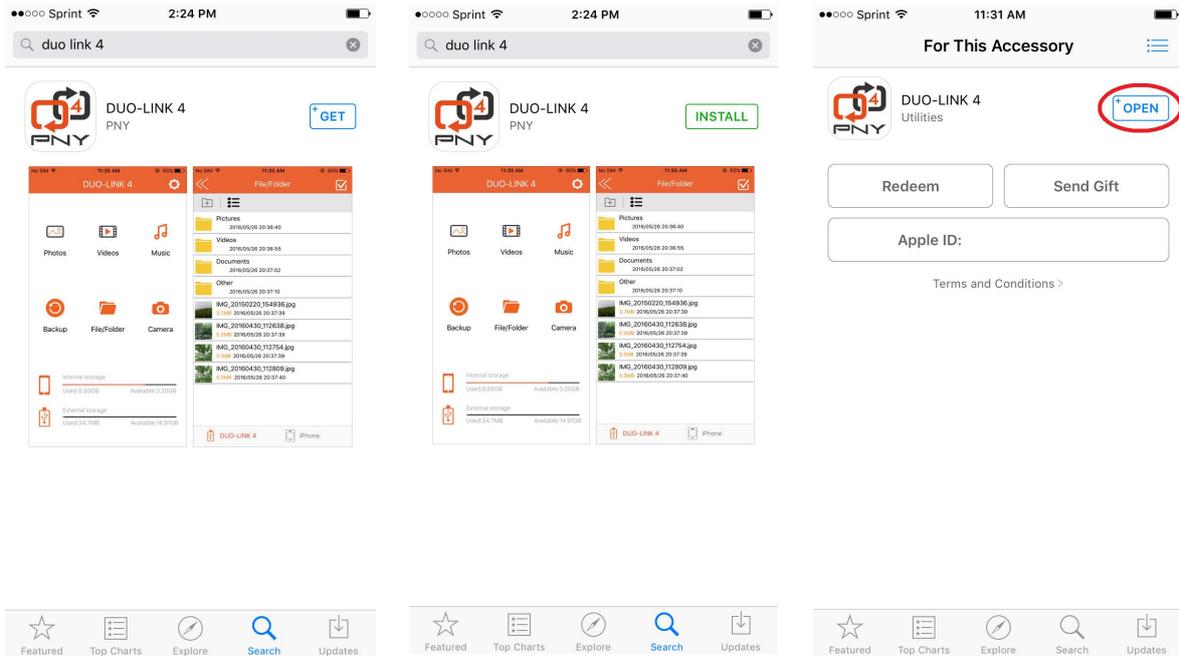
When you insert the DUO-LINK USB 3.0 OTG flash drive into your iOS device for the first time, a message will appear and ask if you would like to get the app from the App Store. Tap “App Store” to go to the DUO-LINK 4 app.



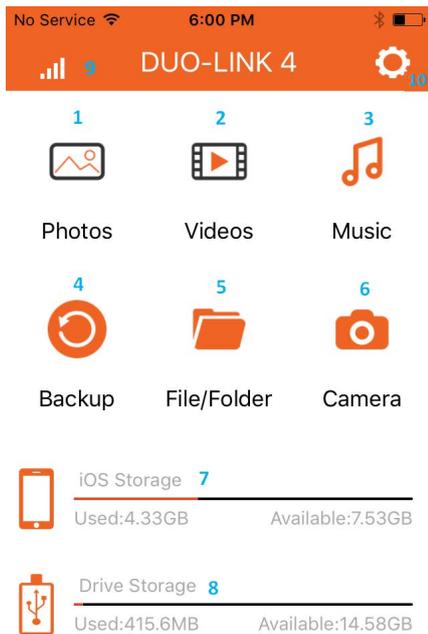
Alternative Method to access App:

Go the App store. Find the DUO-LINK 4 app ().

Tap the “GET” button. Tap “INSTALL” button to download the app onto the iOS device. Tap “open” to open the DUO-LINK 4 app.



4. DUO-LINK APP DESCRIPTION



Name		Description
1	Photos	<ul style="list-style-type: none"> Can access photos, videos and music. The files can be uploaded and downloaded, deleted, renamed and sorted. Click the icon on the home menu to enter to the directory.
2	Videos	
3	Music	
4	Backup	<ul style="list-style-type: none"> Backup and restore contacts, photos and videos
5	File Folder	<ul style="list-style-type: none"> Contains all files stored on the DUO-LINK OTG flash drive. Use this folder to browse all files or save, transfer or copy a range of different files collectively.
6	Camera	<ul style="list-style-type: none"> Takes photos and shoots video without leaving the app. The photos or video will be saved automatically on the DUO-LINK OTG flash drive.
7	iOS Storage	<ul style="list-style-type: none"> When DUO-LINK 4 is connected to the iOS, it shows the available storage space and used space on the DUO-LINK OTG flash drive.
8	Drive Storage	<ul style="list-style-type: none"> Shows the available storage space and used space.
9	Music Bar	<ul style="list-style-type: none"> 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.
10	Settings	<ul style="list-style-type: none"> Provides access to information about the app, user manual and PNY.com. Allows formatting of DUO-LINK OTG flash drive.

5. FILE MANAGEMENT

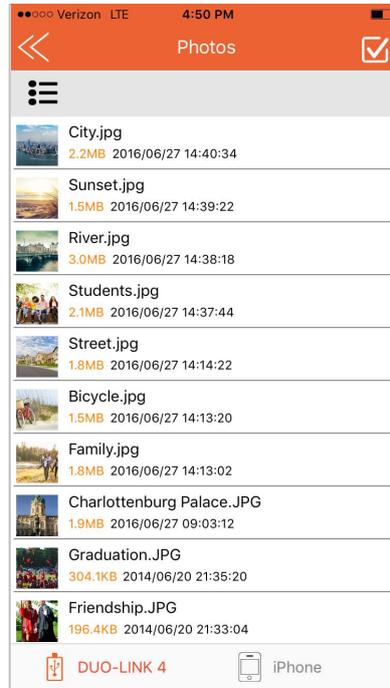
5.1 Types of Views

When you enter the Photo, Video, Music or File/Folder directory, all files in the specific directory will be listed. You can choose the Grid view or List View.

Grid View



List View



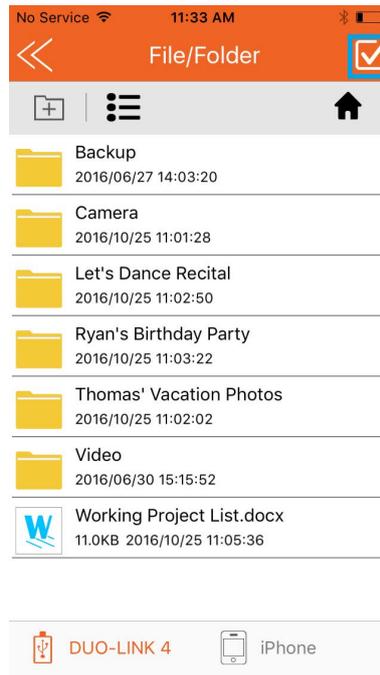
In the DUO-LINK 4 app, view and manage files stored on both the DUO-LINK OTG Flash drive and iOS device. The icon highlighted in orange at the bottom of the screen identifies the location of the files shown on the screen.

- Tap the  icon to view and manage files on the DUO-LINK 4 drive.
- Tap  icon to view and manage files on the iOS drive.

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

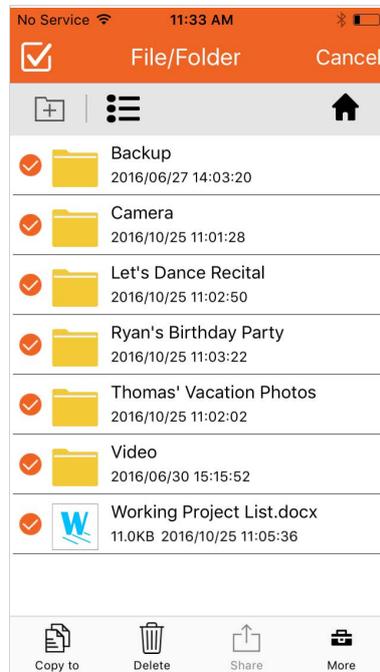
5.2 Select Files to Copy, Move, Share or Rename

Select files, tap the  icon in the top right section of the screen.

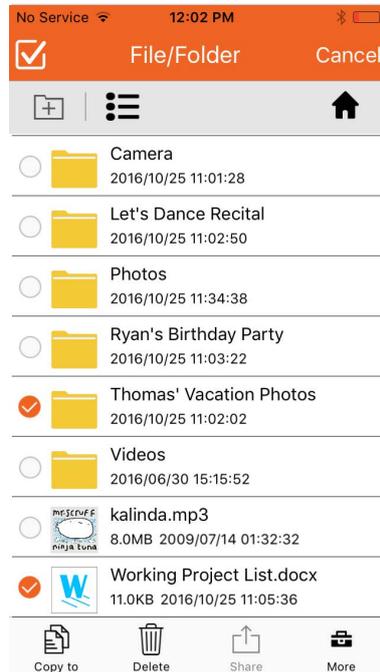


You can choose to select all files in the directory or specific files for copying or moving files.

To select ALL files in the directory, select the  icon on the left hand section of the screen. To unselect ALL files, select the  icon on top left section of the screen again.



To select specific files or folders, select the white circle next to the individual file or folder. Repeat this action for each file or folder that you want to select. To unselect a file or folder, tap the orange circle and it will change to a white circle.

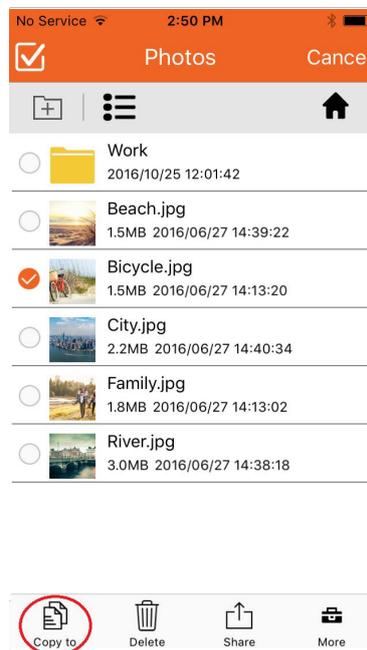


After files have been selected, you can choose to copy (see section 5.2), move (section 5.3), share (section 5.6) or rename (section 5.7) the selected files. When renaming a file, you can select only one file at a time.

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

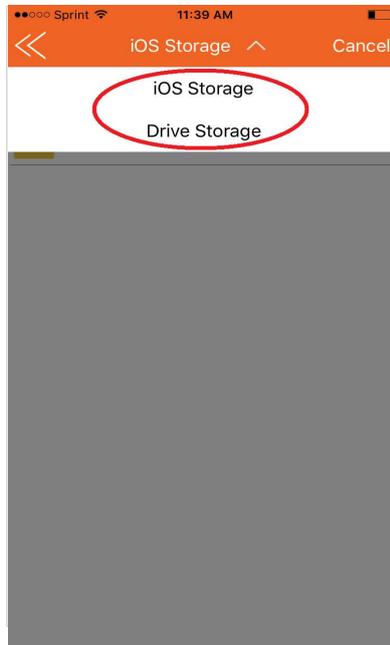
5.3 Copy Files

Select the files and folders to be copied (see instructions in 5.2). Copy the selected files and folders by selecting the  icon in the lower left section of the screen.



Choose the location to place the file copies.

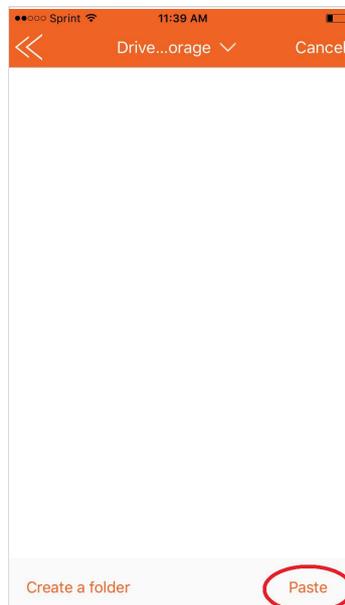
- Select “iOS storage” to save the files on the iOS drive (i.e. iPhone or iPad).
- Select “Drive storage” to save the files on the DUO-LINK OTG flash drive.



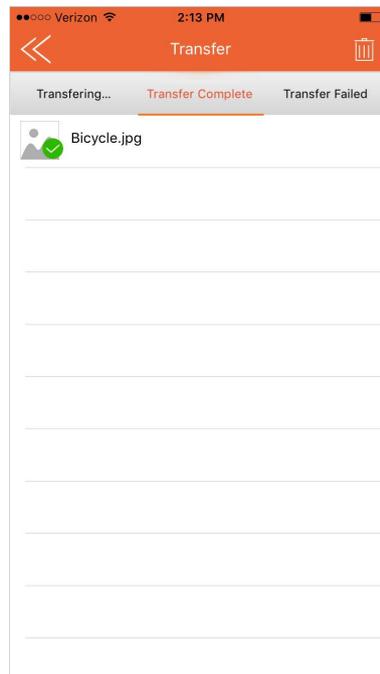
Choose the specific location where the file should be pasted.

- For “Drive storage” you can choose to place the file copy 1) on the flash drive, 2) in an existing folder on the flash drive, or 3) create a new folder to store the file copy. A new folder can be created by tapping “Create a folder” in the lower left section of the screen.
- For “iOS storage”, you can choose to place the file copy 1) on the iOS device or 2) in an existing folder on the iOS device.

Select “Paste’ in the bottom right section of the screen.



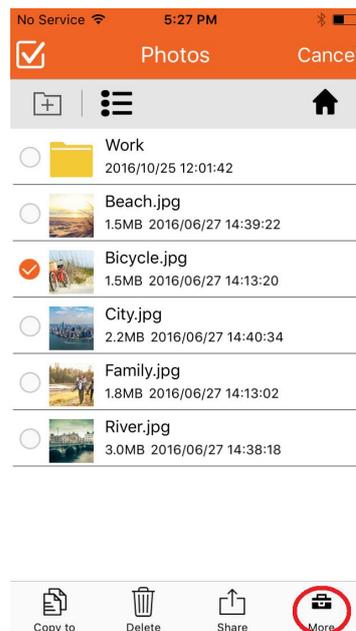
The transfer screen will show then the file transfer has been completed. See section 5.5 for more details about the file transfer status.



5.4 Move Files

Select the files to be moved (See instructions at 5.2). Move the selected files by tapping

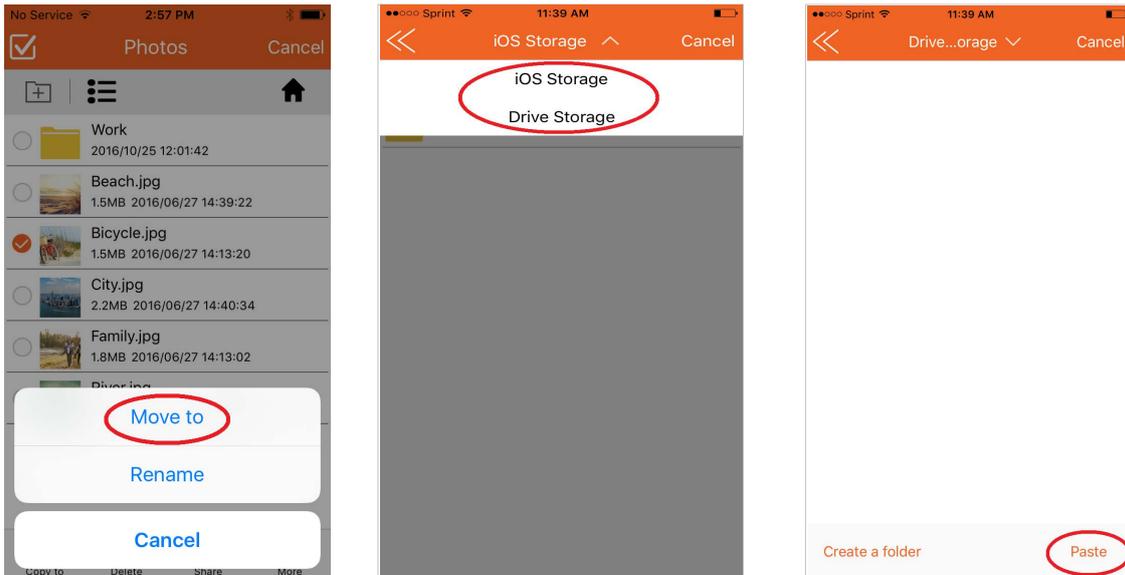
the  icon in the lower right section of the screen.



Select “Move to” button. Choose the specific location where the file should be pasted.

- For “Drive storage” you can choose to place the file copy 1) on the flash drive, 2) in an existing folder on the flash drive, or 3) create a new folder to store the file copy. A new folder can be created by tapping “Create a folder” in the lower left section of the screen.
- For “iOS storage”, you can choose to place the file copy 1) on the iOS device or 2) in an existing folder on the iOS device.

Select “Paste’ in the bottom right section of the screen.



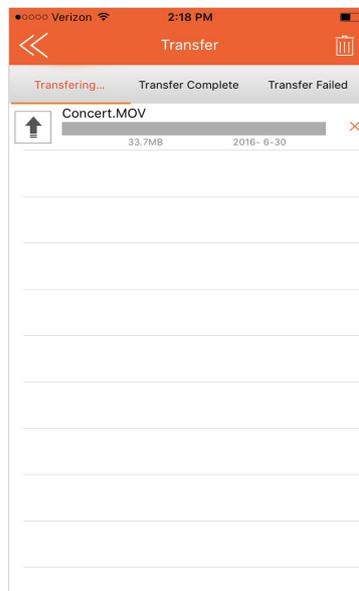
5.5 File Transfer Status

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

5.5.1 “Transferring” Status

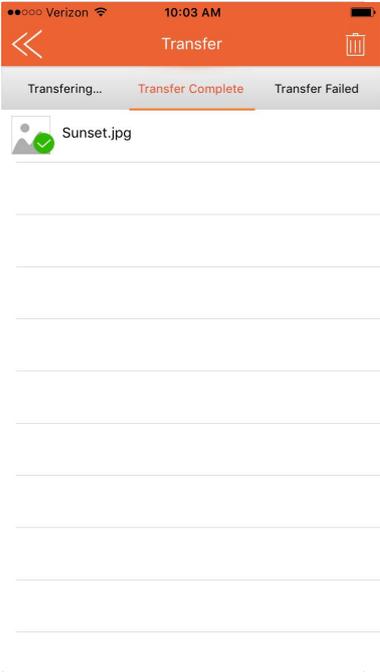
The “Transferring” window will show the files in the progress of being transferred.

Tap the **X** on the right of the file to cancel the file transfer in progress.

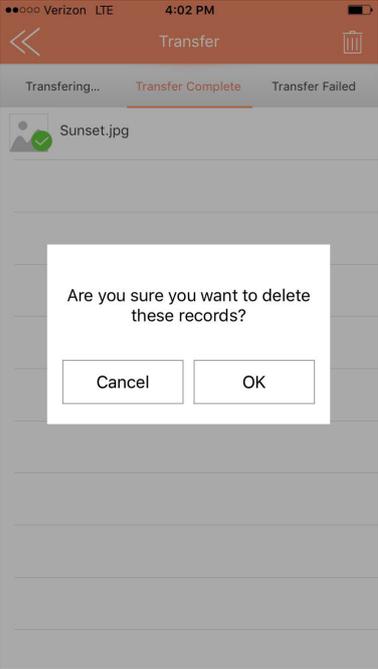


5.5.2 “Transfer Complete” Status

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



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  will delete the records of the transfers completed. It does not delete the actual files.

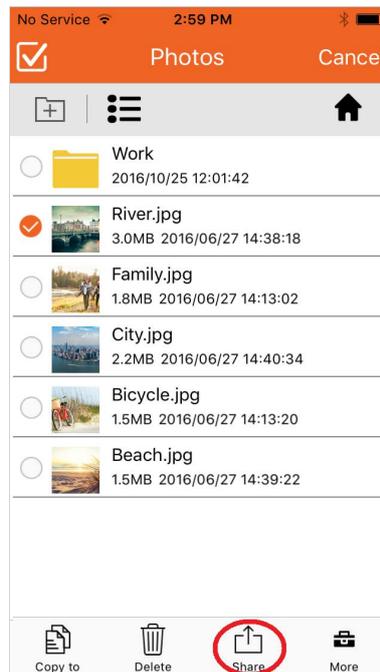


5.5.3 “Transfer Failed” Status

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 6.9 for the list of file formats supported by DUO-LINK 4.

5.6 Share Files

Select the files to be shared (see instructions in 5.2). Share the selected files by selecting the  icon at the bottom middle section of the screen.

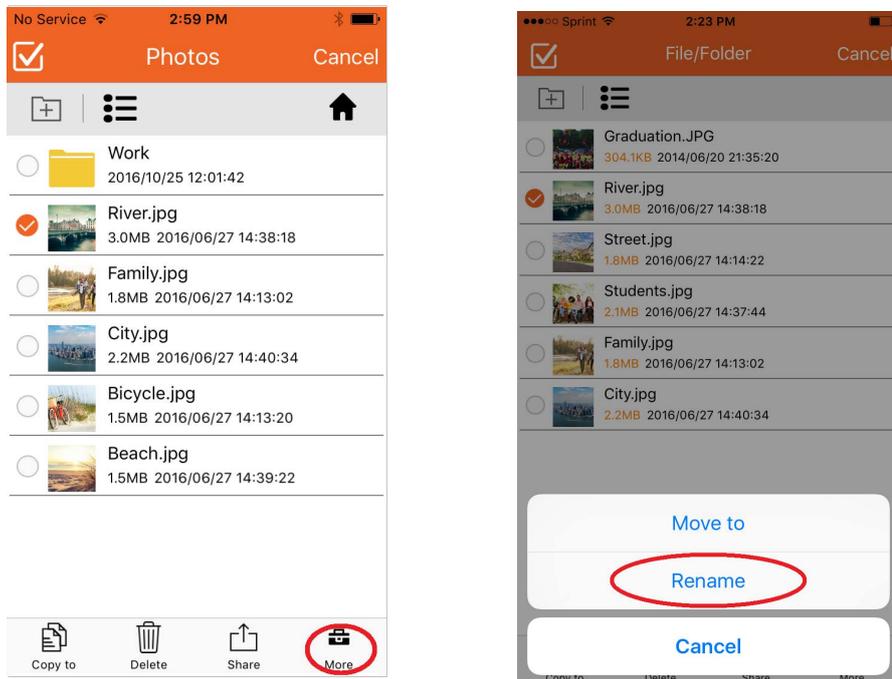


Apple’s built-in sharing tools will appear.

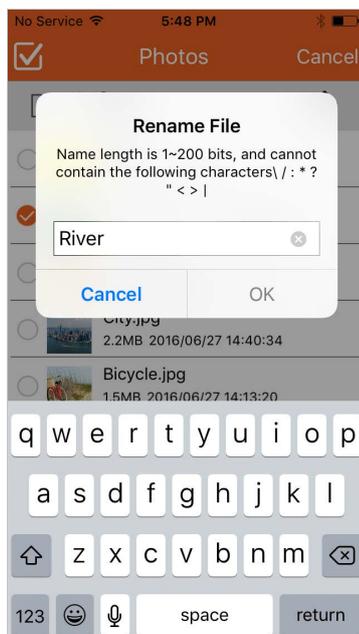


5.7 Rename Files

Select the file to be renamed (see instructions in 5.2). 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.”

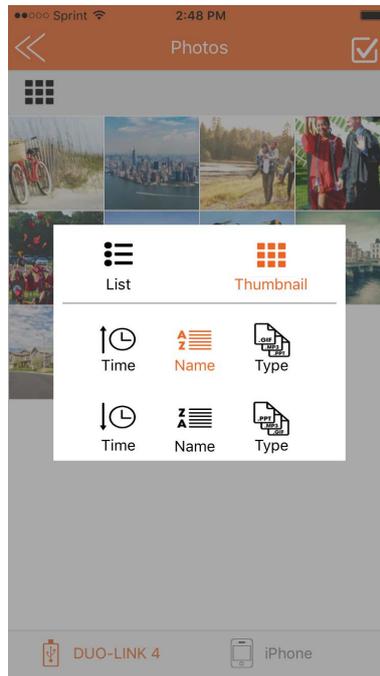


Type to new name into the box. Tap “OK”. Note: The name length can be no more than 200 bits and cannot contain the following characters: \ / : * ? “ < >



5.8 Sort Files

Tap the  or  icon on the left side of the screen and the sort options will appear. Sort by time, name or file type.



5.9 File Types Supported by DUO-LINK4

iOS Default Supported Format List			
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 PLAY

6.1 Browse Photos

Tap the Photo Directory icon (📁) on the home screen to access the Photo Directory. 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 (🗑️) icon in the top right section of the screen.



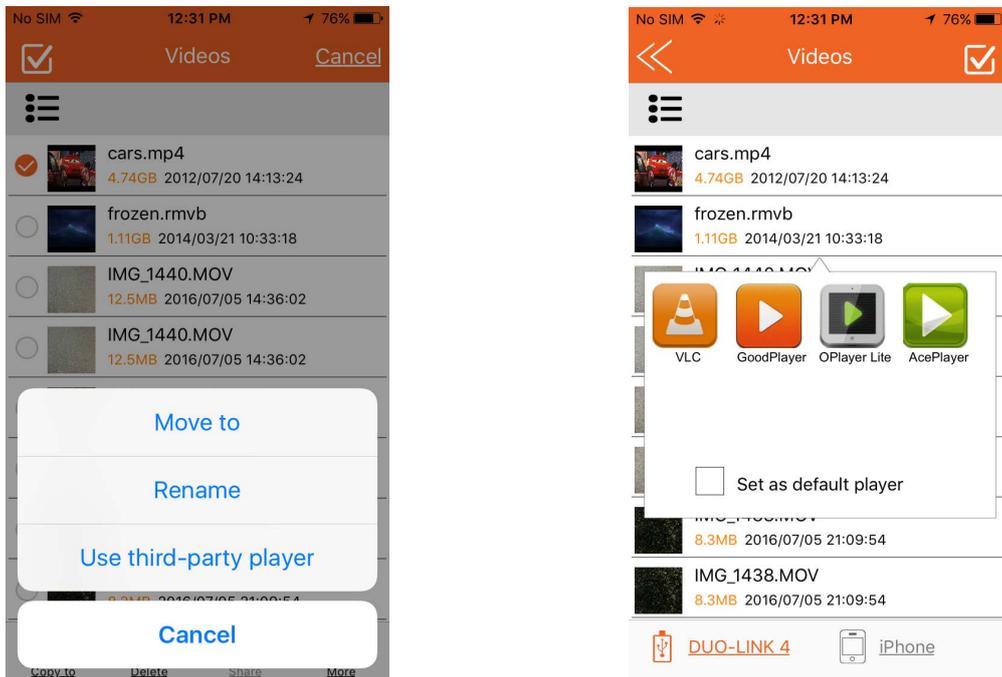
6.2. Play Video

Tap the Video Directory icon (📁) on the home screen to access the Video Directory. 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.

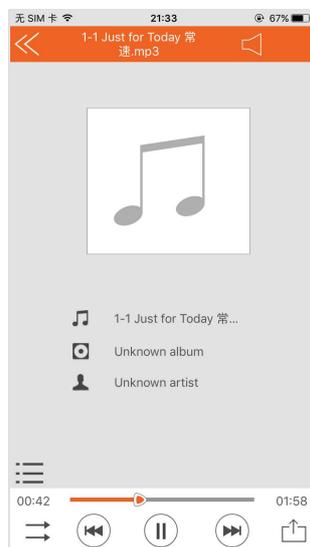


7. MUSIC PLAY

Access files in the Music Directory or File/Folder Directory. Tap a music file to access the music playback mode. The menu is at the bottom of the screen. The following actions can be taken in the music playback mode.

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.

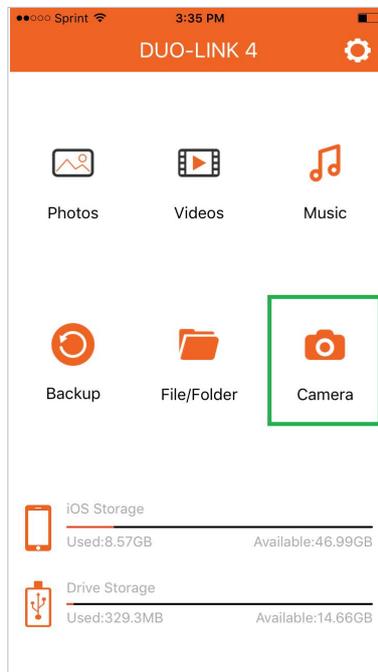


Audio files that are DRM-protected cannot be played on the drive.

8. USE CAMERA WHILE IN DUO-LINK APP

8.1 Shoot Photos

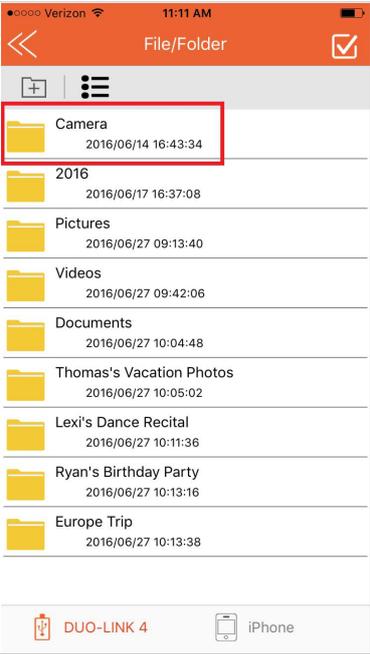
Tap camera icon () in the home menu, and the photo/video play mode will appear.



Tap the white round button at the bottom of the screen to shoot the photo.



After you shoot the photo, the photo will be saved automatically to “Camera” folder in the File/Folder Directory.

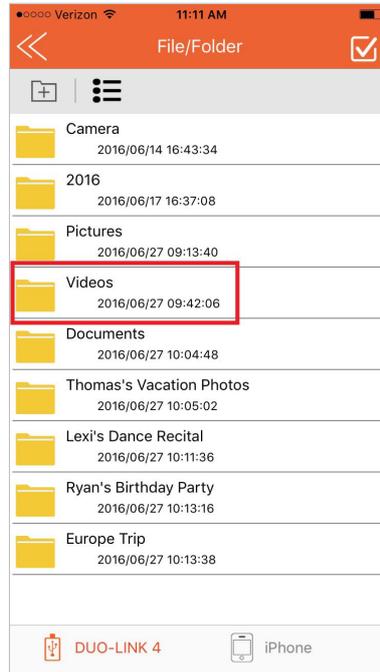


8.2. Shoot Video

Tap camera icon (📷) in the home menu, and the photo/video showing mode will appear. Swipe the screen to the right to enter the video shooting mode.

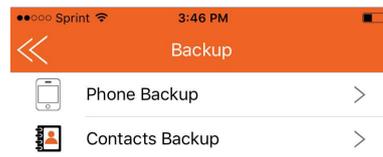
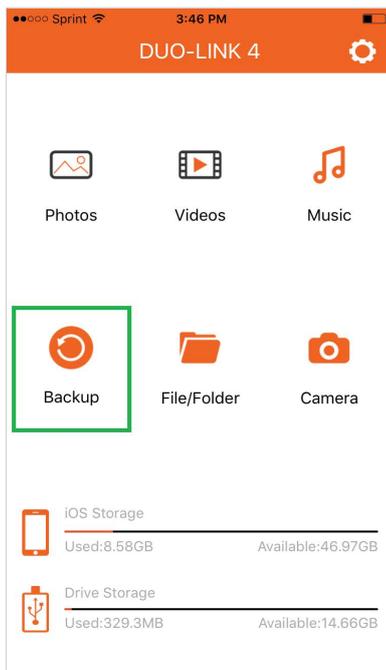


After you shoot the video, the video clip will be saved automatically in the “Video” folder in the File/Folder Directory



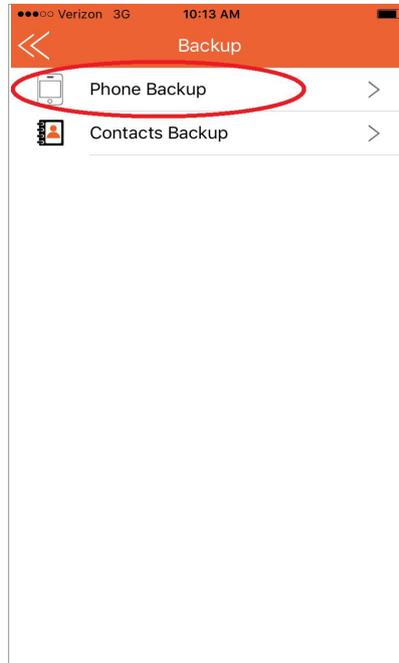
9. BACKUP DIRECTORY

Select the backup icon () in the home menu. There are phone backup and contacts backup.

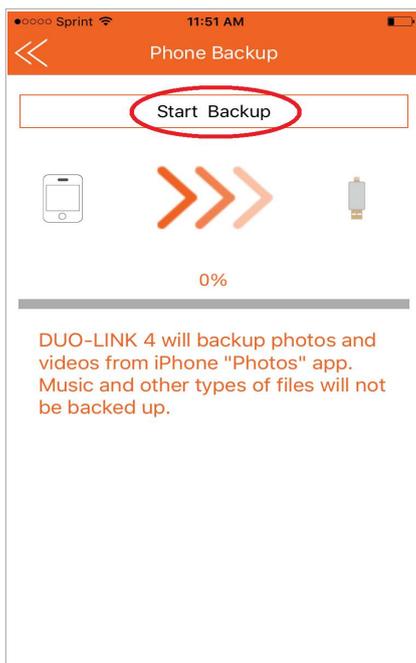


9.1 Phone backup

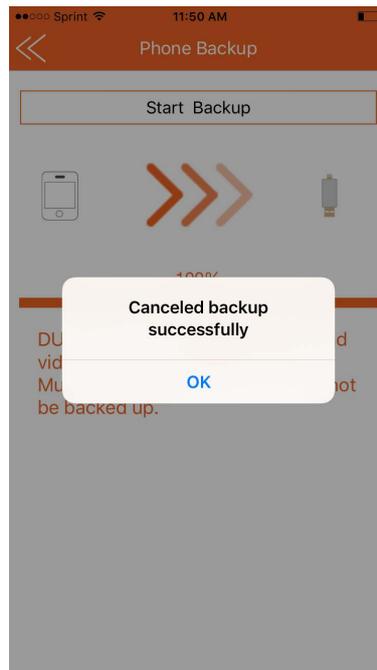
The phone backup will back up photos and video files.



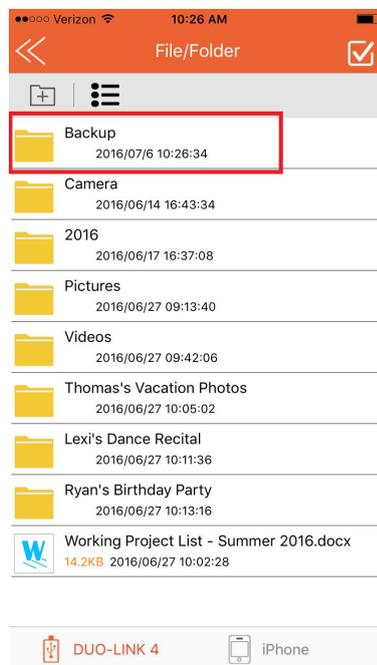
Tap the "Start backup" button and the backup process will begin. You can tap "Cancel backup" button to stop and cancel the backup process.



When the backup is completed successfully, a prompt will appear indicating that the files have been backed up.

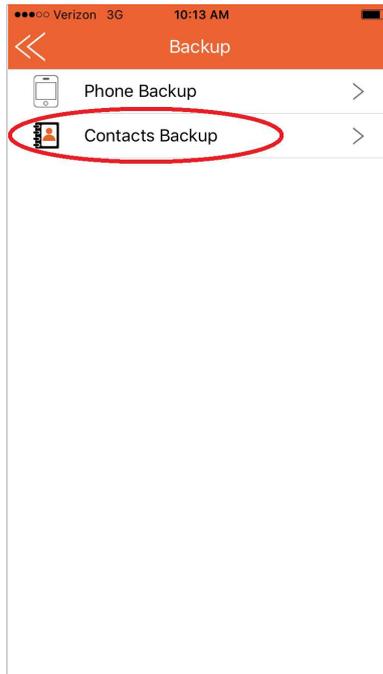


The backed up files will be stored in the "Backup" folder in the File/Folder Directory. Access the Backup folder by tapping the File/Folder Directory icon () on the home menu. Tap the Backup folder.

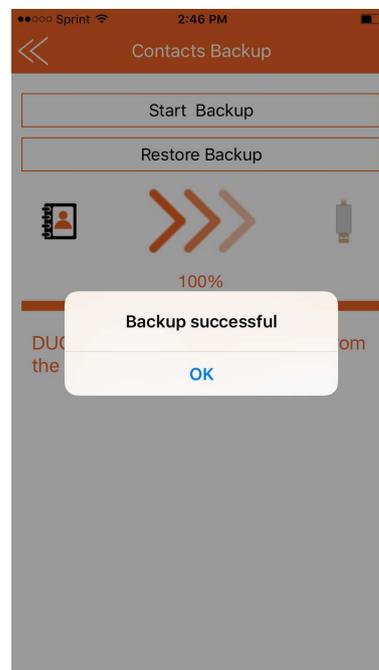
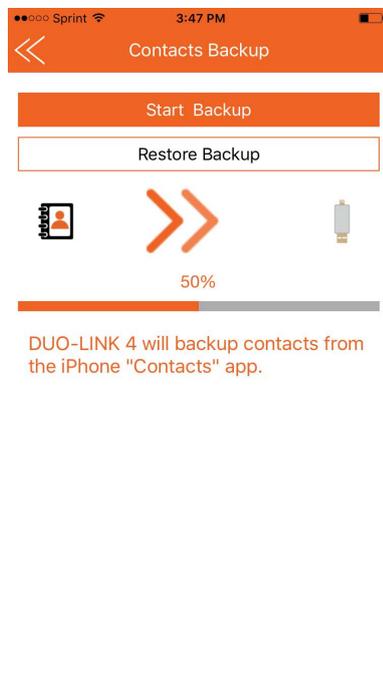


9.2 Contacts Backup

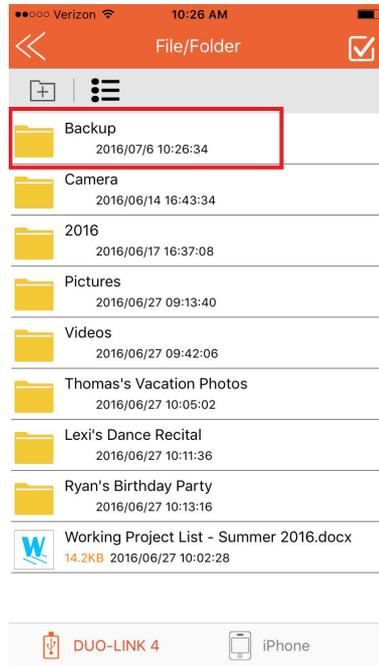
Tap the backup icon () to access the Backup Directory.



Tap "Start Backup" button to begin contact process, and then the contacts on your iPhone will be saved on the DUO-LINK OTG drive. When the backup is completed successfully, a message appears and indicates that the files have been backed up.



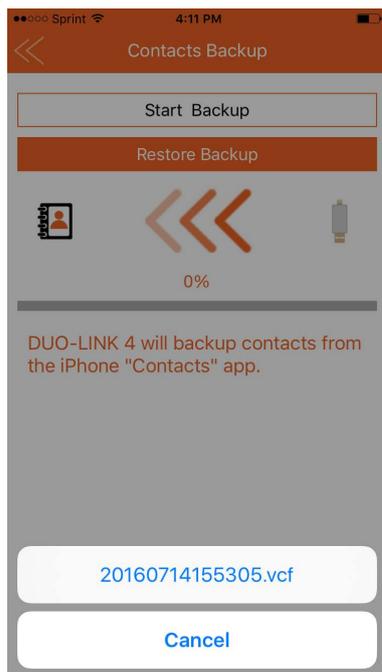
The backed up files will be stored in the "Backup" folder in the File/Folder Directory. Access the Backup folder by tapping the File/Folder Directory icon () on the home menu. Tap the Backup folder.



9.3 Restore Phone Contents and Contacts backed up

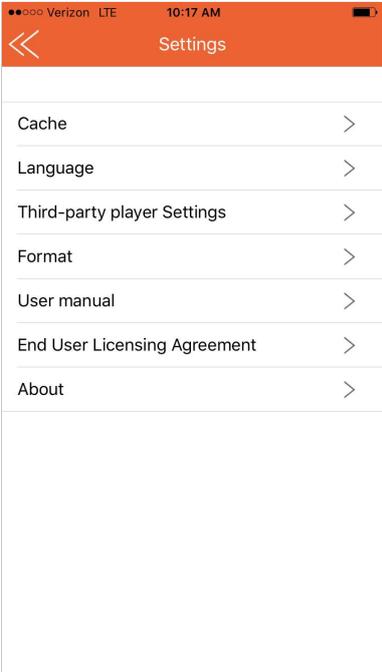
Tap the backup icon () in the home menu to access the Backup Directory.

Tap "contact backup" to restore contacts. Tap "Restore backup". Select the backup record that you would like to restore. The example below shows one record, 2016061816372.vcf. Multiple records could appear depending on the number backups made.



10. SETTINGS

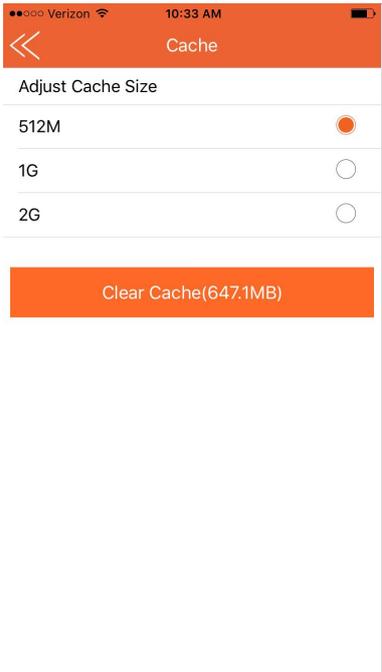
Access the Settings Directory by tapping the  icon in the top right section in the home menu. The information noted in the image below can be accessed in the Settings Direction.



10.1 Cache

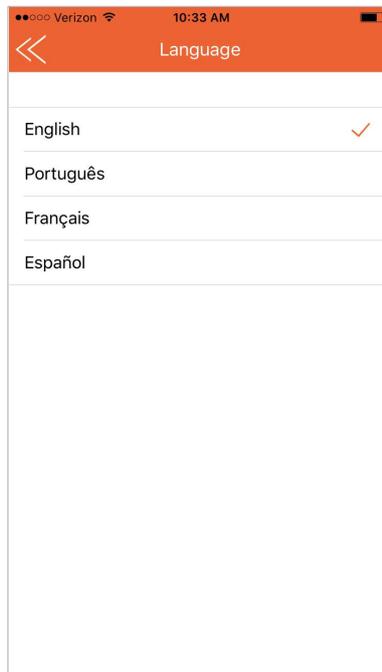
The cache acts as a temporary storage space for App. You can set the limit of data to be saved in the cache before it automatically clears. Choose 512M, 1G or 2G by tapping the white circle, and an orange circle will appear.

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



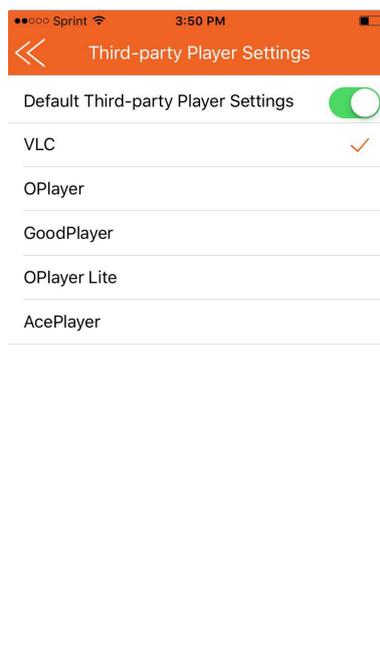
10.2 Language settings

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



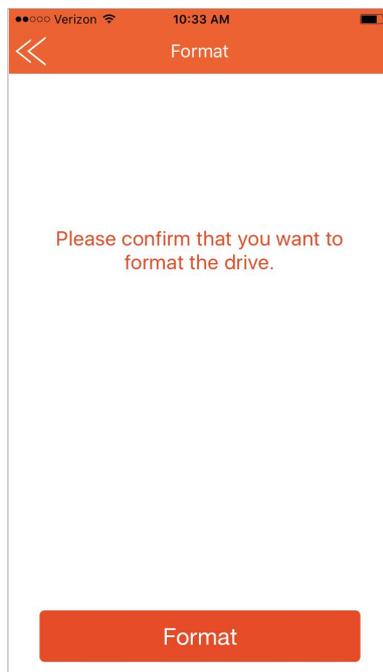
10.3 Third Party Settings

Set the third party media player to be used while in the DUO-LINK 4 app, or disable the third party player setting.

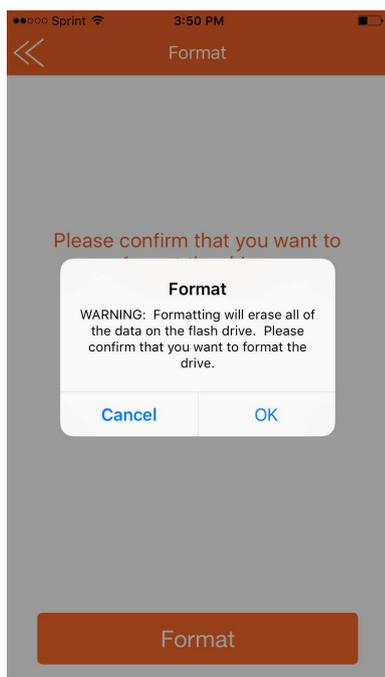


10.4 Format

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.

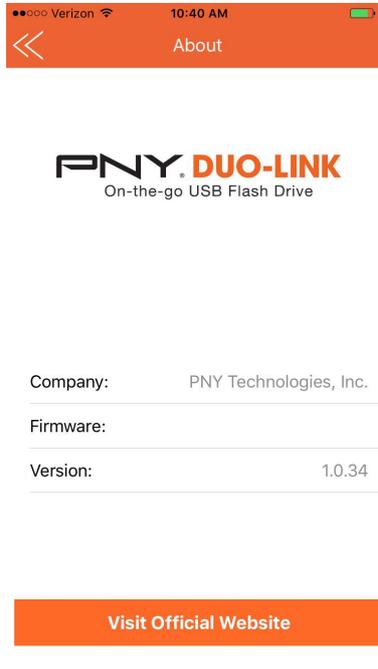


The following message will appear, “**WARNING: Formatting will erase all of the data on the flash drive. Please confirm that you want to format the drive**”. Tap “OK” to confirm that you want to format the drive.



10.5 ABOUT

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



10.6 Contact Us

E-Mail Technical Support: tsupport@pny.com (USA)

Phone Technical Support: 1 (800) 234-4597 (USA)

Website: www.PNY.com