

User Manual

Wi-Fi SD



(Version 1.6)



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Introduction

Congratulations on purchasing Transcend's Wi-Fi SD card that instantly adds wireless capability to your digital camera so that you can wirelessly stream digital photos and videos to your iPad, iPhone, Android, and other Wi-Fi enabled devices. Thanks to the use of a free downloadable App, developed for use with Apple iOS and Android devices, the Wi-Fi SD card is able to organize all of your photos and videos ready for easy playback. Up to 3 devices can access content from the Wi-Fi SD card at the same time, making it easier than ever to share your favorite digital files with friends and family. This User Manual will give you step-by-step instructions and advice to help you get the best experience from your new device. Please read it carefully before using the Wi-Fi SD card.

Package Contents

Wi-Fi SD Card



RDP5 card reader



Quick Start Guide and Warranty Card



Features

- View photos (JPG, BMP, PNG, RAW*)
- Playback videos** (AVI, MOV, MP4, M2T, MTS, M2TS)
- Supports iOS, Android, Windows, Linux, and Mac OS X
- Special App for iOS and Android devices
- Instantly share photos and videos wirelessly
- Shoot & View on iOS and Android devices
- Upload photos directly to Facebook/Twitter/Flickr/Weibo
- Fully compliant with the SD 3.0 standard
- SDHC Class 10 speed rating

* Wi-Fi SD Card must have firmware version 1.8 or later to support RAW image files.

**For video streaming, the following resolution and video bit rate is recommended:

Resolution: HD-720p 1280x720@30fps, Video bit rate: 1472kbps.

System Requirements

Operating system requirements for uploading files from your computer to Wi-Fi SD:

- Microsoft Windows® XP
- Microsoft Windows Vista®
- Microsoft Windows® 7
- Microsoft Windows® 8
- Mac® OS X 10.5 or later
- Linux® Kernel 2.4 or later

Device requirements for running the Wi-Fi SD App:

- iPhone(3GS, 4, 4S, 5) / iPad mini / iPad with iOS 5.0+.
- Android device requires Android 2.2, or later.

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Wireless performance depends on environment and distance from device or hotspot. To obtain the best possible connection speed, try adjusting the location and orientation of the Wi-Fi SD card.

Please **DISABLE** power saving (automatic power off) on your camera for a better user experience.

Installing the Wi-Fi SD App

Developed specifically for iOS (iPhone/iPad) and Android devices, the free to download Wi-Fi SD App allows you to wirelessly browse and download photos and videos stored on the Wi-Fi SD card, and customize wireless network settings.

Installing the App on an iOS device:

1. Using your iOS device, open the App Store and search for the Wi-Fi SD App.



2. Select the suitable Wi-Fi SD App (iPhone or iPad version).

3. Tap **FREE** to start the download process.



4. Tap **INSTALL** to complete installation.



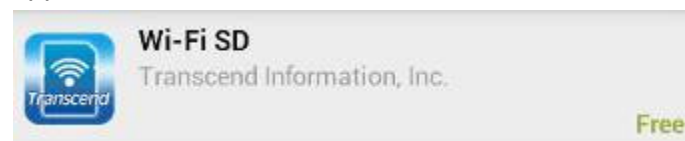
Installing the App on an Android device:

1. Using your Android device, open Google Play (for Kindle Fire users, please open the Amazon Appstore) and search for the Wi-Fi SD App.



2. Select the suitable Wi-Fi SD App.

3. Tap **Free** to start the download process.



4. Tap **Install** to complete installation.



Once installation is complete, the App will be displayed on the home screen of your device. To begin using the App, please see **Using the Wi-Fi SD App**.

Connecting to the Wi-Fi SD Card using iOS and Android Devices

To wirelessly access Wi-Fi SD card digital content on your iOS/Android device, you must first connect to the Wi-Fi SD card's dedicated wireless network.

Direct Share

(Peer-to-peer connection with iOS/Android device(s))

Direct Share mode allows you to browse photos and videos stored on the Wi-Fi SD card on your iPhone/iPad/Android device. When connected to the Wi-Fi SD card in Direct Share mode, your device will not have Internet access.

(On your camera)

1. Insert the Wi-Fi SD card and power-on the camera. (For directions on inserting an SD card into your camera, please see your camera's user manual.)

By default, the Wi-Fi SD card's wireless network signal will automatically broadcast in Direct Share mode once the camera is powered on. (To change the preferred default startup mode, please see the **Settings** section for detailed instructions.)

(On your iOS device)

2. Tap **Settings**, then **Wi-Fi**.
3. Under **Choose a Network...** select **WIFISD**. (After turning on the camera, please wait around 25 seconds for the network to appear. Default Wi-Fi security key: '12345678'. To change the default SSID and setup a Wi-Fi security key, please see the **Settings** section for detailed instructions.)

(On your Android device)

2. Tap **System Settings**, then **Wi-Fi**.
3. Under **Wi-Fi**, select **WIFISD**. (After turning on the camera, please wait around 25 seconds for the network to appear. Default Wi-Fi security key: '12345678'. To change the default SSID and setup Wi-Fi security key, please see the **Settings** section for detailed instructions.)

Internet Mode

(Connect with iOS/Android device(s) and Internet hotspot)

Internet mode allows you to browse photos and videos stored on the Wi-Fi SD card on your iPhone or iPad while connected to an Internet hotspot. In this mode, your device has Internet access, allowing you to upload and share photos online.

Internet hotspot setup:

Before you can use the Wi-Fi SD card in Internet mode, you must be within range of an Internet hotspot to enter the network details.

1. While connected to the Wi-Fi SD card in Direct Share mode (see previous section for instructions), launch the Wi-Fi SD App from your iOS/Android home screen.
2. Tap **Settings** and enter the admin username and password, then tap **Internet Mode**.

Note: The default username and password are both **admin** (all lower case)

3. Enter the SSID and password of the Internet hotspot and tap **Done**.

General use:

(On your camera)

1. Insert the Wi-Fi SD card into your camera. (For directions on inserting an SD card into your camera, please see your camera's user manual.)
2. Follow the steps in the **Direct Share** section to connect to the Wi-Fi SD card, and then launch the Wi-Fi SD App.
3. Tap **Settings** and enter the admin username and password, then tap **Switch Connection Mode**.

Note: The default username and password are both **admin** (all lower case)

4. Tap **Internet Mode**, then tap **Apply**.

Note: By default, the Wi-Fi SD card's wireless network signal will automatically broadcast in Direct Share mode once the camera is powered on. (To change the preferred default startup mode to Internet Mode and skip steps 2-4 above, please see the **Settings** section for detailed instructions.)

(On your iOS device)

5. Tap **Settings**, then **Wi-Fi**.
6. Under **Choose a Network...** select the SSID of the Internet hotspot you set up in previously while in Direct Share mode.

(On your Android device)

5. Tap **System Settings**, then **Wi-Fi**.
6. Under **Wi-Fi**, select the SSID of the Internet hotspot you set up in previously while in Direct Share mode.

Note: If the Wi-Fi SD card can't connect to the Internet hotspot after about 1 min, it will automatically switch to Direct Share mode.

Note: Some hotspots may require authentication via a web browser. In this case, the Wi-Fi SD card will not have Internet access while connected in Internet mode, and therefore you will not be able to upload and share photos online.

Connecting to a Smartphone Personal Hotspot

By using its personal Wi-Fi hotspot function, a smartphone can share its wireless data connection with the Wi-Fi SD card via Wi-Fi. In any location that the smartphone has a mobile Internet connection, the smartphone acts as an Internet hotspot, allowing you to share photos over the Internet instantly.

Smartphone personal hotspot setup:

1. While connected to the Wi-Fi SD card in Direct Share mode (see previous section for instructions), launch the Wi-Fi SD App from your iOS/Android home screen.
2. Tap **Settings** and enter the admin username and password, then tap **Internet Mode**.
Note: The default username and password are both **admin** (all lower case)
3. Enter the SSID and password of the smartphone's hotspot and tap **Done**.

General Use:

1. Insert the Wi-Fi SD card and power-on your camera.
2. If the default startup mode is Internet Mode then the Wi-Fi SD card will connect to the hotspot automatically. Otherwise, go to **Settings** -> **Switch Connection Mode** and select **Internet Mode**, then tap **Apply**.
3. Turn on the personal Wi-Fi hotspot feature of the smartphone. The Wi-Fi SD card will connect automatically.

Using the Wi-Fi SD App on iOS Devices

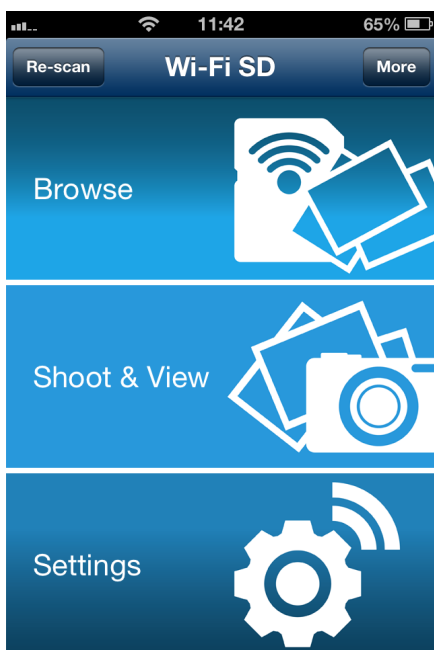
When your iOS device and Wi-Fi SD card are connected wirelessly in Direct Share or Internet Mode (via Internet hotspot or smartphone personal hotspot), you can browse content using the Wi-Fi SD App. The following sections provide instructions on how to view and playback your digital content using the App.



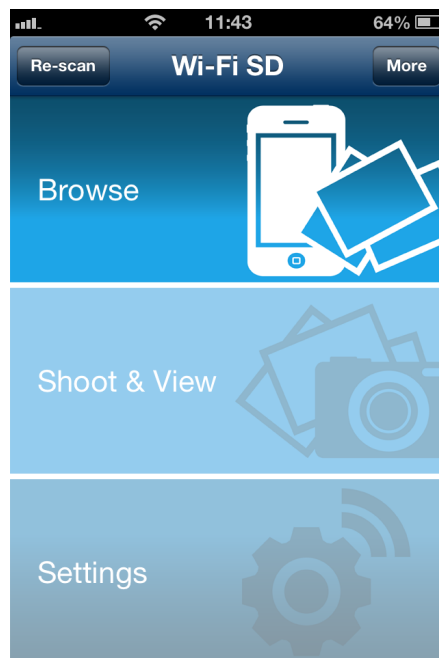
Launch App from the iOS device



Wi-Fi SD App loading screen



Wi-Fi SD home screen (When connected to the Wi-Fi SD card)



Wi-Fi SD home screen (When not connected to the Wi-Fi SD card)

First Time Quick Setup

When the Wi-Fi SD App is launched for the first time while connected in Direct Share mode, the Quick Setup Wizard will appear and guide you through the Wi-Fi SD setup process. The quick setup guide appears on first use only, however you can change the settings and add an Internet hotspot at any time via the settings menu.



Tap **YES** to start the Quick Setup Wizard



Step1. Modify the Wi-Fi SD SSID and Key or tap **Next** to skip this step



Step2. Add an Internet Hotspot SSID and security key, then tap **Next**



Step3. Tap **Save** to save the configuration

Browse

Viewing Photos

1. From the Wi-Fi SD App home page, tap **Browse**.
2. Under **Photos**, select the desired photo to display.
3. Use your finger to swipe sideways through each photo as a slideshow or go back to the file list and select the next desired photo.



Browse photo file list, tap to select

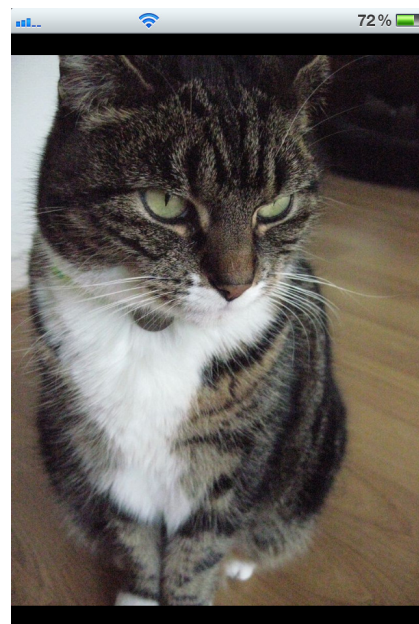
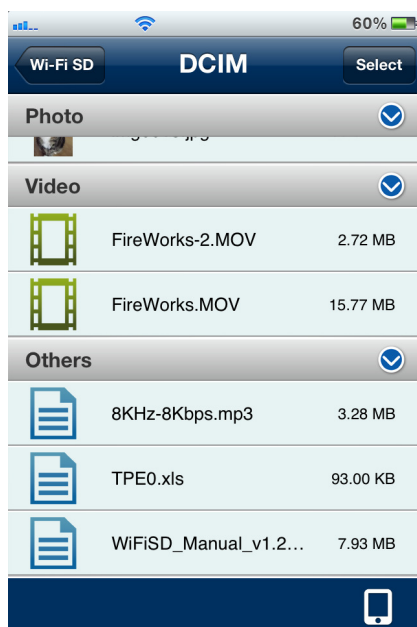


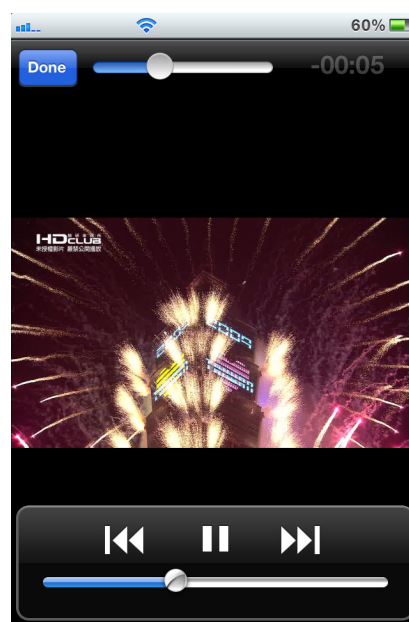
Photo displayed in portrait mode

Playing Videos

1. From the Wi-Fi SD App home page, tap **Browse**.
2. Under **Videos**, select the desired video to view, it will play automatically.







Browse video file list, tap to select



Video displayed in portrait mode

Video Player Controls:

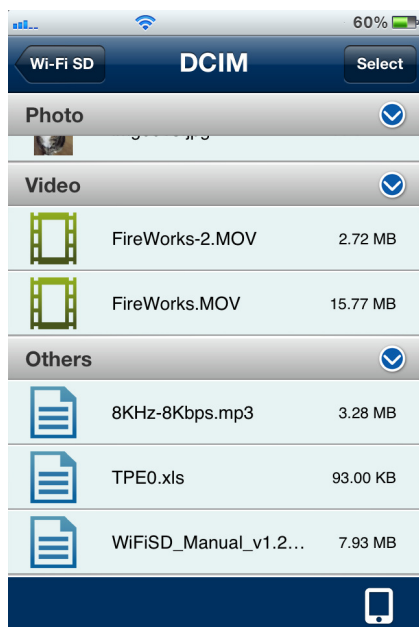
- | | | | |
|-----------------------|---|---|--|
| Pause playback | - |  | Tap the Pause icon |
| Play previous video | - |  | Tap the Previous icon |
| Play next video | - |  | Tap the Next icon |
| Adjust volume | - | | Slide the volume bar at the bottom to the desired level |
| Fast-forward / Rewind | - | | Slide the playback scroll bar at the top to the desired track time |
| View / Hide controls | - | | Tap once on the iOS device screen to switch between the view control modes |
| Return to file list | - |  | Tap the Done button |

Opening Other File Types

Files stored on the Wi-Fi SD card that the Wi-Fi SD App does not support will be put into the **Others** section.

1. From the Wi-Fi SD App home page, tap **Browse**.
2. Under **Others**, select the desired file.
3. Choose one of the Apps installed on your device to open the file.

Note: If none of the installed Apps can open the file, please download and install a suitable App from the App Store. Different file types will show a different list of suitable Apps.



Browse Others file list, tap to open



Choose an installed App to open file

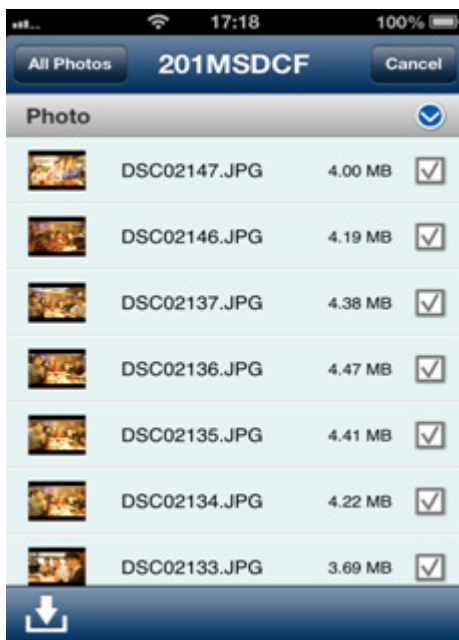
Downloading Files to Your iOS Device

The Wi-Fi SD App allows you to select multiple files to download to the App folder for playback when not connected to the Wi-Fi SD card's wireless network.

1. From the file list, tap the **Select** button.
2. Select the desired files to download by tapping the check box next to each file or tap **All Photos** to select all files.
3. Tap the **Download** button  to display the download menu and then tap **Download To App Folder** for playback when not connected to the Wi-Fi SD card. (To view files downloaded to the App folder, please see the next chapter on **Switch Between Wi-Fi SD/Local Mode**)

Or

Tap **Download To Camera Roll** to download it from the Wi-Fi SD card to the iOS device camera roll.




Select desired photos from the file list



Select a download option

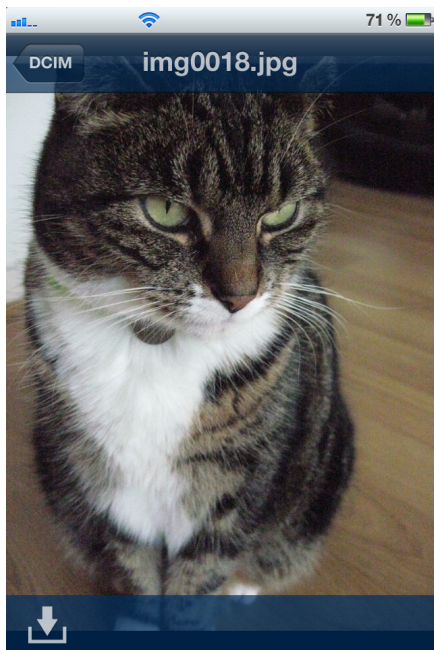
The Wi-Fi SD App also features a function menu that allows you to download individual files to the App Folder or to the iOS device camera roll.

1. From the file list, tap the photo you want to download.

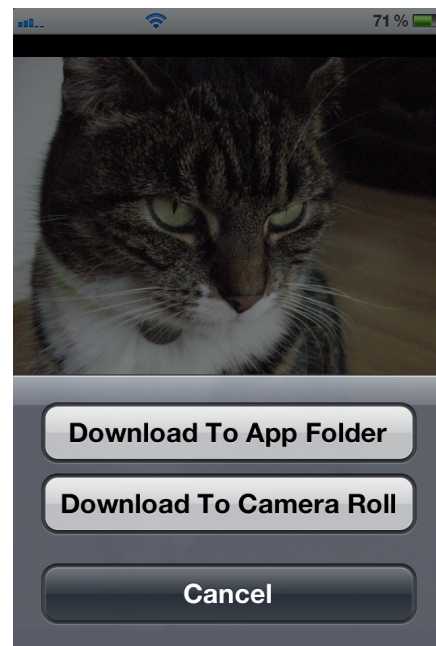
2. Tap the **Download** button  to display the download menu and then tap **Download To App Folder** for playback when not connected to the Wi-Fi SD card. (To view files downloaded to the App folder, please see the next chapter on **Switch Between Wi-Fi SD/Local Mode**)

Or

Tap **Download To Camera Roll** to download it from the Wi-Fi SD card to the iOS device camera roll.



From photo viewer, tap the download button



Select a download option

Switch between Wi-Fi SD/Local Mode

Tap the button at the bottom-right of the folder directory to switch between Wi-Fi SD and local mode. Any files downloaded to the iOS device using the **Download To App Folder** function are stored in the local directory.



Tap to view Local Directory



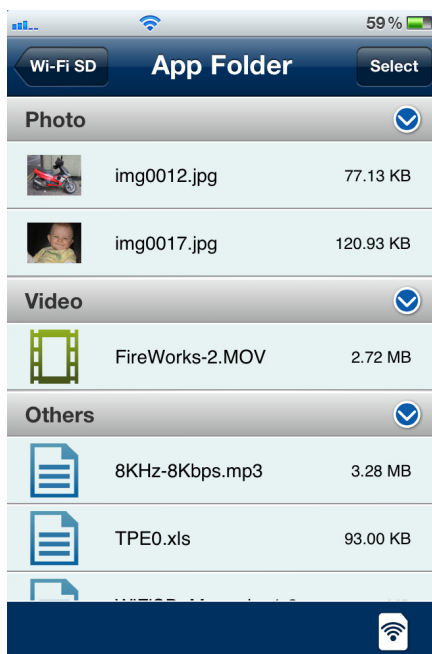
Tap to view the Wi-Fi SD Directory

The Wi-Fi SD App features a function menu when in **Local Mode** that allows you to delete files from the App.

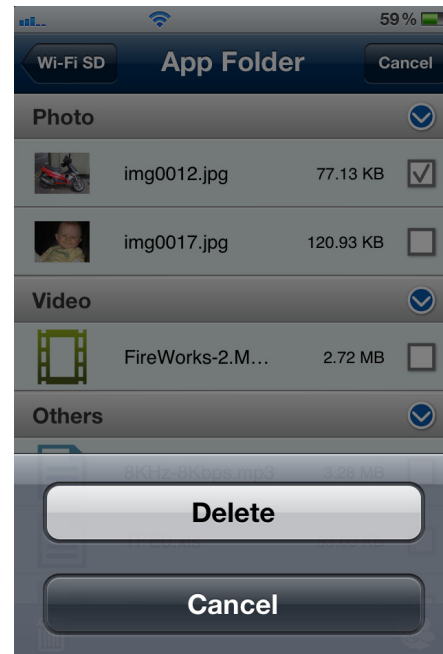
1. From the file list, tap the **Select** button.
2. Select the desired files to delete by tapping the check box next to each file.



3. Tap the delete button and then tap **Delete** to delete the file.



Tap **Select** to select files




Tap **Delete** to delete the files

Share Photos Directly to Facebook/Twitter/Flickr/Sina Weibo

Note: You must be a registered Facebook/Twitter/Flickr/Sina Weibo user to use this function. (Requires iOS Facebook App v5.0.1 or later)

1. To share photos on Facebook/Twitter/Flickr/Sina Weibo, tap the **Select** button in the file list. Tap the check box next to each photo that you want to share.

2. Tap the **Share** button  and then choose a social networking service.

Note: the **Share** button only appears in **Internet Mode**

3. On first time use only, the authorization screen will appear. Please log in to your account and authorize the Transcend Wi-Fi SD App.

(For Facebook users, tap **Allow All** on the permission request screen.)

4. Type a comment for the selected photos.
5. For Facebook, the photo will be uploaded to the album “**Transcend Wi-Fi SD**” in your Facebook account.

For Twitter/Sina Weibo, the photo will be posted in a tweet/weibo.

For Flickr, the photo will be uploaded to your photostream.



Select desired photos from the file list
and tap the **Share** button



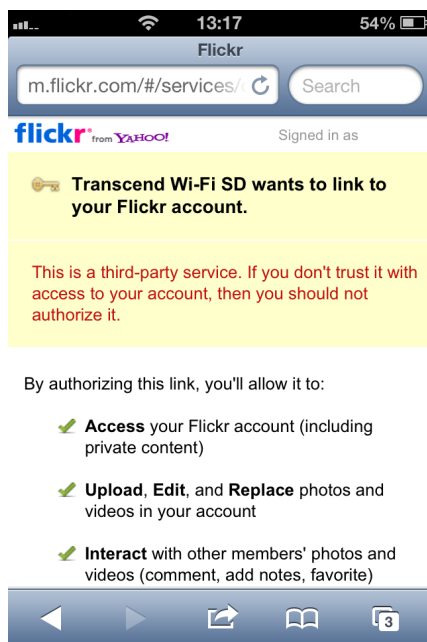
Select the social networking service you
wish to share photos to



Log in and Authorize your Facebook account to share photos



Login and Authorize your Twitter account to share photos




Login and Authorize your Flickr account to share photos



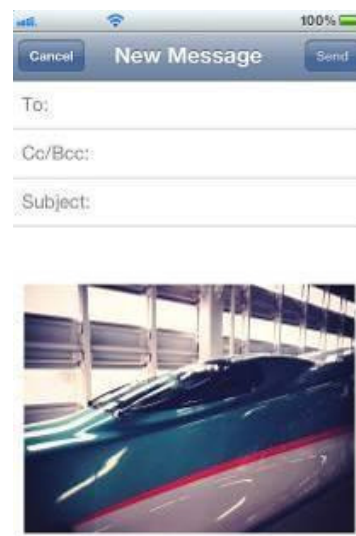
Login your Sina Weibo account to share photos

Emailing a Photo from Wi-Fi SD

1. To email a photo, tap the desired photo from the file list.
 2. Tap the share button  and then tap **Email**. The file you selected will automatically be attached to the email draft.
- Note:** **Share** button only appears in **Internet Mode**
3. Input the recipient's email address, subject line, and any desired email body text.
 4. Tap **Send** to send the email.



Tap the share button then tap the email button



Compose the email with the selected photo attached

Share Photos via Other Apps

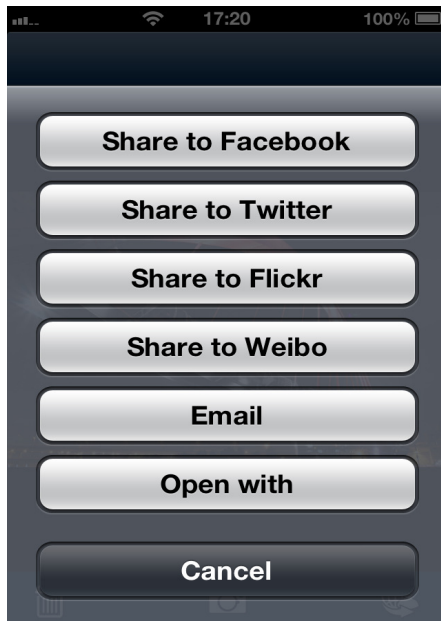
1. To share a photo via other Apps, tap the desired photo from the file list.

2. Tap the share button  and then tap **Open with**.

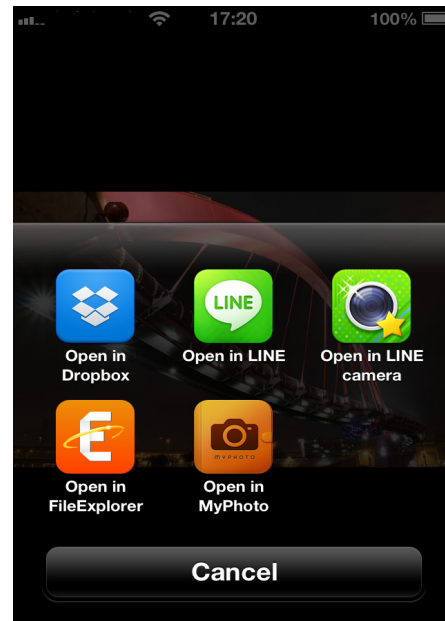
Note: The **Share** button only appears in **Internet Mode**

3. Tap an available App installed in your iOS device.

4. The desired photo will automatically be attached to the selected App.



Tap the **Open with** button

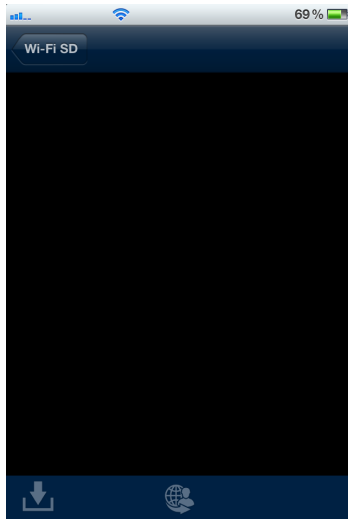


Tap an App to attach desired photo

Shoot & View

Shoot & View allows you to view the latest photo taken with your camera on your iOS device instantly.

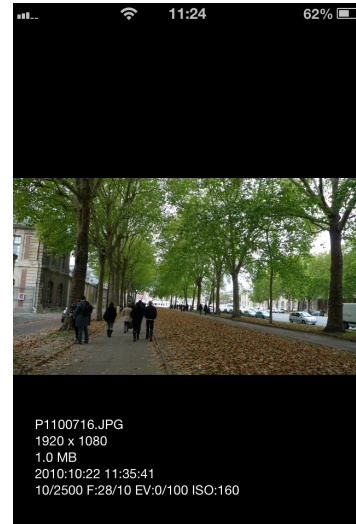
From the home screen, tap **Shoot & View**.



Blank screen awaiting latest photo



Take new photo on your camera



Latest photo, including EXIF information, appears instantly

To download photos taken in Shoot & View mode to the App folder or to your iOS device camera roll:

1. Press the download button  to display the function menu.
2. Press **Download To App Folder** to download it from Wi-Fi SD to the App for playback when not connected to the Wi-Fi SD device.

Or

Press **Download To Camera Roll** to download it from the Wi-Fi SD card to the iOS device camera roll.

Using the Wi-Fi SD App on Android Devices

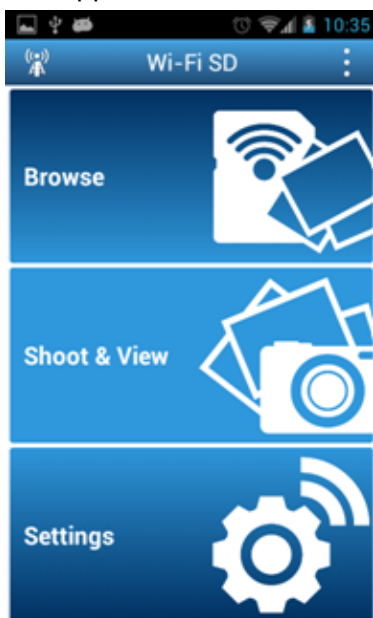
When your Android device and Wi-Fi SD card are connected wirelessly in Direct Share or Internet Mode (via Internet hotspot or smartphone personal hotspot), you can browse content using the Wi-Fi SD App. The following sections provide instructions on how to view and playback your digital content using the App.



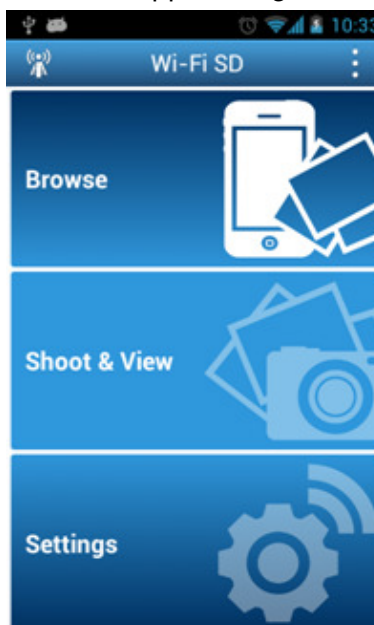
Launch App from the Android device



Wi-Fi SD App loading screen



Wi-Fi SD home screen
(When connected to the Wi-Fi SD card)



Wi-Fi SD home screen
(When not connected to the Wi-Fi SD card)

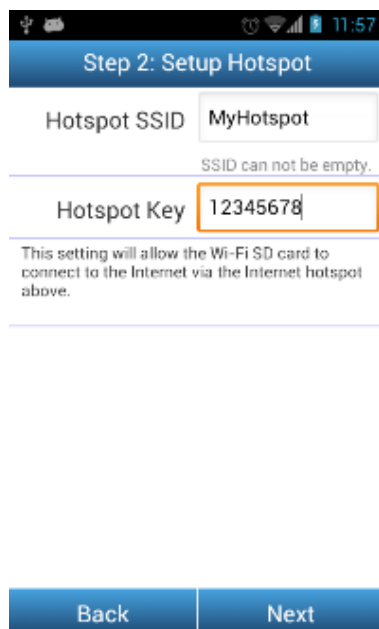
First Time Quick Setup

When the Wi-Fi SD App is launched for the first time while connected in Direct Share mode, the Quick Setup Wizard will appear and guide you through the Wi-Fi SD setup process. The quick setup guide appears on first use only, however you can change the settings and add an Internet hotspot at any time via the settings menu.



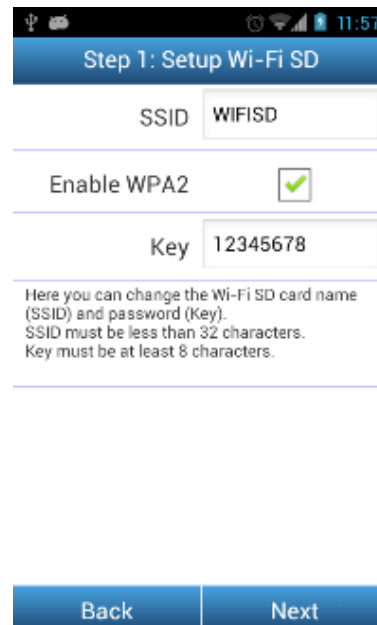
The screen displays the title 'Wi-Fi SD Quick Setup' and a 'Welcome' message. It explains that a 3-step wizard will guide the user through configuring the Wi-Fi SD card. The steps listed are: Step1. Add new Wi-Fi SD card settings, Step2. Add personal Internet hotspot settings, and Step3. Save new settings. At the bottom, it asks 'Do you want to start setup now?' with 'No' and 'Yes' buttons.

Tap **Yes** to start the Quick Setup Wizard



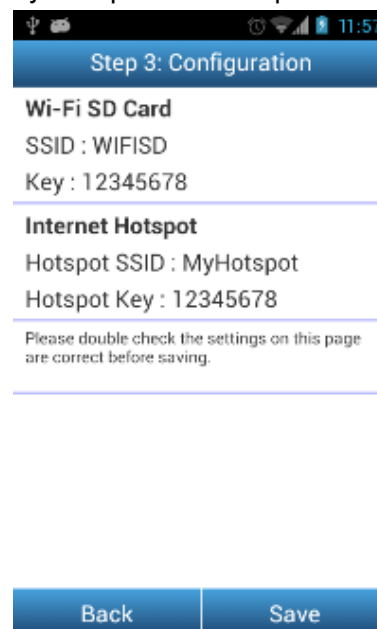
This screen is titled 'Step 2: Setup Hotspot'. It has two input fields: 'Hotspot SSID' with the value 'MyHotspot' and 'Hotspot Key' with the value '12345678'. A note below the SSID field says 'SSID can not be empty.' Another note below the key field states 'This setting will allow the Wi-Fi SD card to connect to the Internet via the Internet hotspot above.' At the bottom are 'Back' and 'Next' buttons.

Step2. Add an Internet Hotspot SSID and security key, then tap **Next**



The screen is titled 'Step 1: Setup Wi-Fi SD'. It contains two input fields: 'SSID' with the value 'WIFISD' and 'Key' with the value '12345678'. There is a checkbox for 'Enable WPA2' which is checked. A note at the bottom explains that the user can change the Wi-Fi SD card name (SSID) and password (Key), with constraints: SSID must be less than 32 characters and Key must be at least 8 characters. At the bottom are 'Back' and 'Next' buttons.


Step1. Modify the Wi-Fi SD SSID and Key or tap **Next** to skip this step

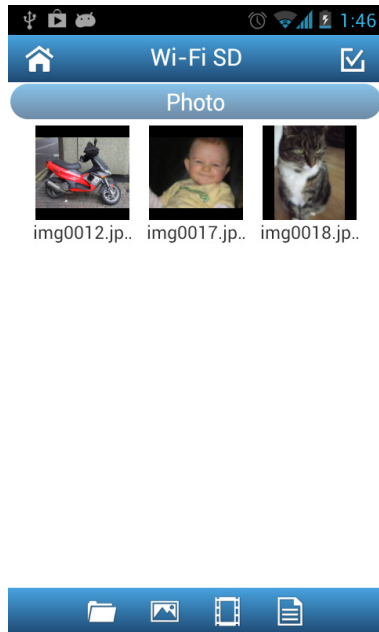


This screen is titled 'Step 3: Configuration'. It displays the configured settings: 'Wi-Fi SD Card' with SSID 'WIFISD' and Key '12345678', and 'Internet Hotspot' with SSID 'MyHotspot' and Key '12345678'. A note at the bottom asks the user to double-check the settings before saving. At the bottom are 'Back' and 'Save' buttons.

Step3. Tap **Save** to save the configuration

Browse Viewing Photos

1. From the Wi-Fi SD App home page, tap **Browse**.
2. Tap the photos icon  on the tool bar and select the desired photo to display.
3. Use your finger to swipe sideways through each photo as a slideshow or go back to the photo gallery and select the next desired photo.



Browse photo gallery, tap to select

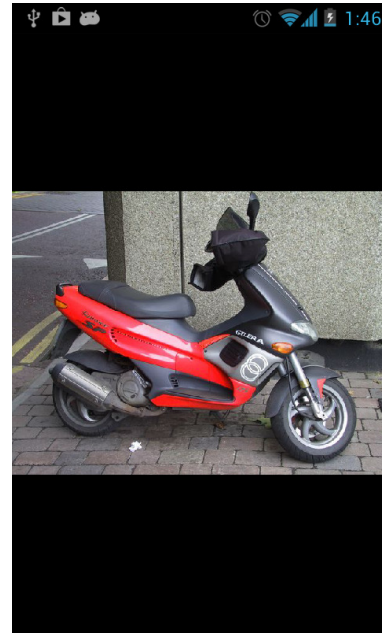

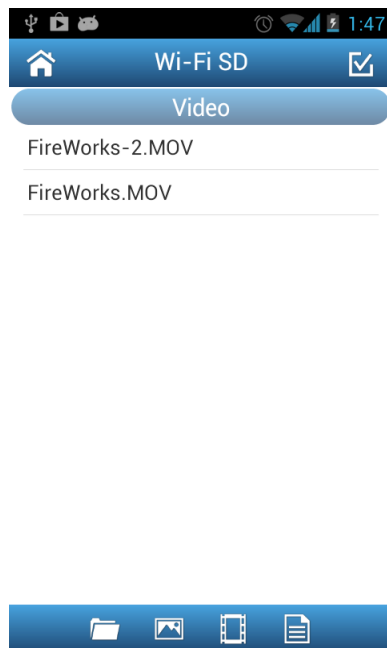


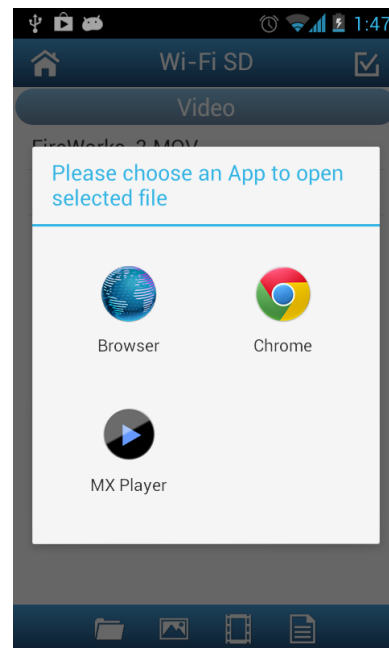
Photo displayed in portrait mode

Playing Videos

1. From the Wi-Fi SD App home page, tap **Browse**.
 2. Tap the videos icon  on the tool bar and select the desired video to view.
 3. Choose one of the video player Apps installed on your device to play the video.
- Note:** If the selected App cannot play the file, please download and install a suitable video player App from Google Play.



Browse the video file list, tap to select

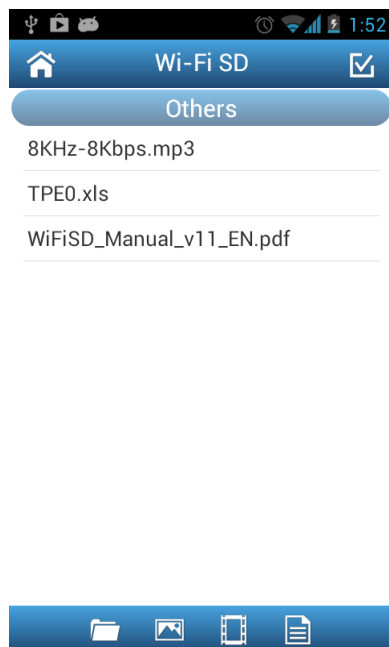


Choose an installed video player App
to play the video

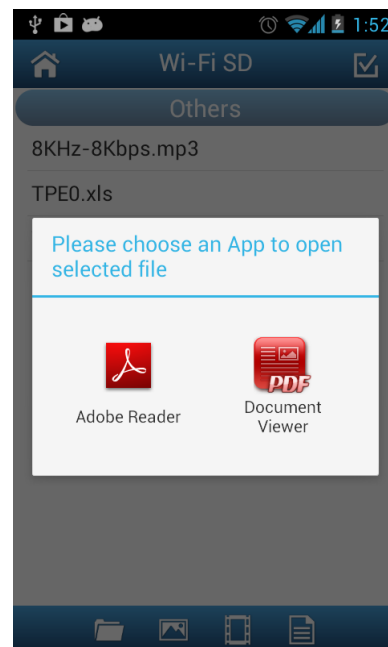
Opening Other File Types

Files stored on the Wi-Fi SD card that the Wi-Fi SD App does not support will be put into the **Others** section.

1. From the Wi-Fi SD App home page, tap **Browse**.
 2. Use your finger to swipe sideways to change to **Others**, and select the desired file.
 3. Choose one of the Apps installed on your device to open this file.
- Note:** If none of the installed Apps can open the file, please download and install a suitable App from Google Play. Different file types will show a different list of suitable Apps.





Browse Others file list, tap to open



Choose an installed App to open file

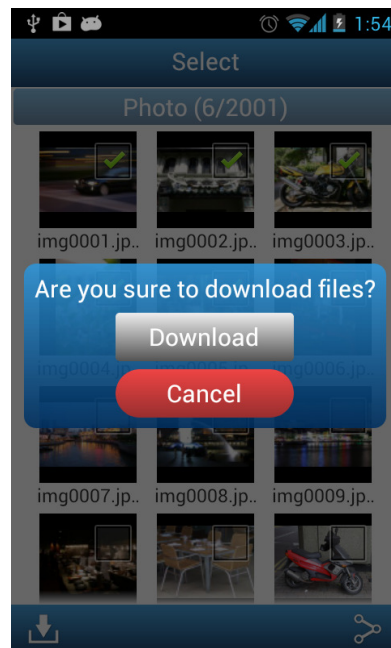
Downloading Files to Your Android Device

The Wi-Fi SD App allows you to select multiple files to download to the App folder for playback when not connected to the Wi-Fi SD card's wireless network.

1. From the photo gallery page, tap the select icon .
2. Select the desired files to download by tapping each photo or tap the Photo title bar to select all files.
3. Tap the download icon  on the tool bar to display the download menu and then tap **Download**. (To view files downloaded to the download folder, please see the next chapter on **Switch Between Wi-Fi SD/Local Mode** or check folder path: **sdcard\DCIM\WIFISD** on your Android device)



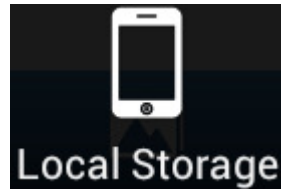
Select desired files from the photo gallery



Tap **Download** to download to the **sdcard\DCIM\WIFISD** folder

Switch between Wi-Fi SD/Local Mode

While browsing the photo and video file list, tap the menu button to switch between Wi-Fi SD and local mode. Any files downloaded to the Android device using the **Download** function are stored in the local directory: **sdcard\DCIM\WIFISD**.





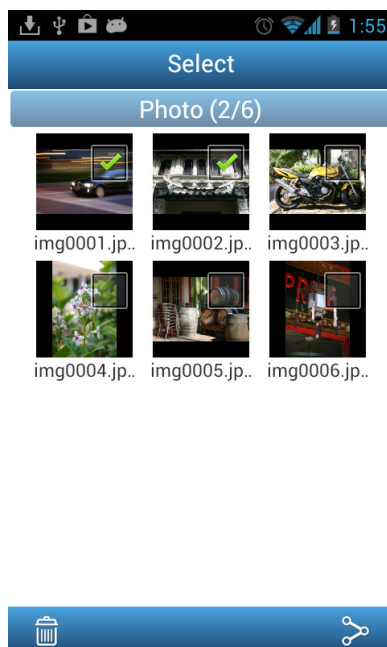
Tap to view Local Directory



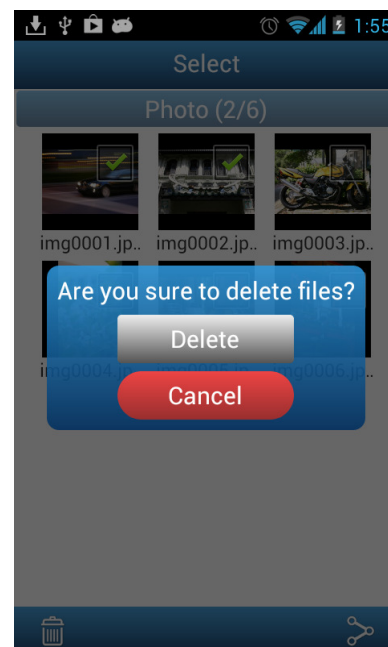
Tap to view the Wi-Fi SD Directory

The Wi-Fi SD App allows you to delete files when in **Local Mode**.

1. From the file list, tap the select icon .
2. Select the desired files to delete by tapping the check box next to each file.
3. Tap the delete button  and then tap **Delete** to delete the file.



Tap the select icon and select files



Tap **Delete** to delete the files


Share Photos Directly to Facebook/Twitter/Flickr/Sina Weibo

Note: You must be a registered Facebook/Twitter/Flickr/Sina Weibo user to use this function. Facebook App / Sina Weibo App must be installed first. (Requires: Facebook App version 1.9.10 / Sina Weibo App version 3.3.5 or later)

1. To share photos on Facebook/Twitter/Flickr/Sina Weibo, tap the **Select** button



in the file list. Tap the check box next to each photo that you want to share.

2. Tap the share button  and then choose a social networking service.

Note: the **Share** button only appears in **Internet Mode**

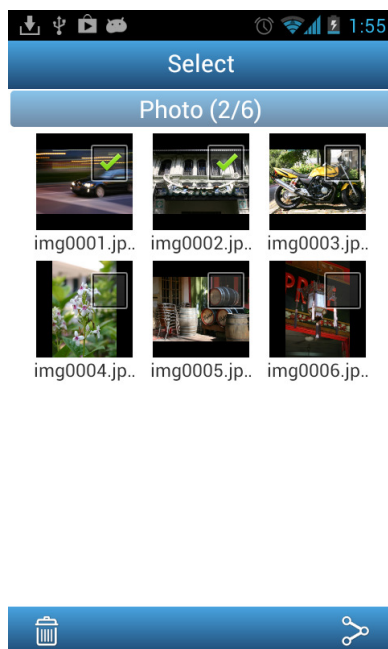
3. On first time use only, the authorization screen will appear. Please login to your account and authorize the Transcend Wi-Fi App.
(For Facebook users, tap **Allow All** on the Facebook permission request screen.)

4. Type a comment for the selected photos, and then tap **Upload**.

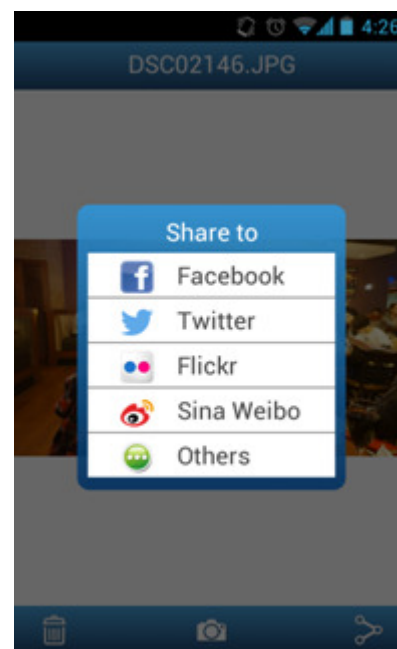
5. For Facebook, the photo will be uploaded to the album “**Transcend Wi-Fi SD**” in your Facebook account.

For Twitter/Sina Weibo, the photo will be posted in a tweet/weibo.

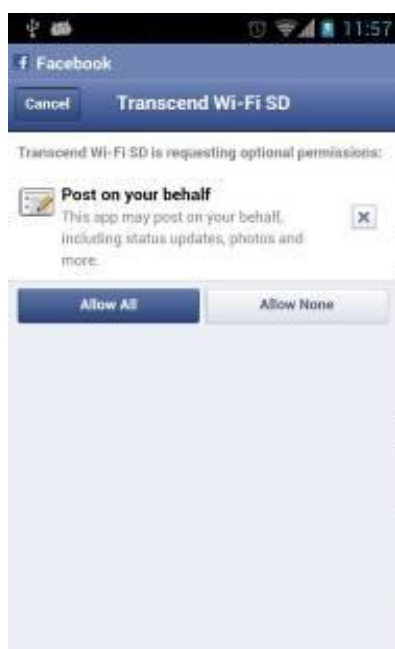
For Flickr, the photo will be uploaded to your photostream.



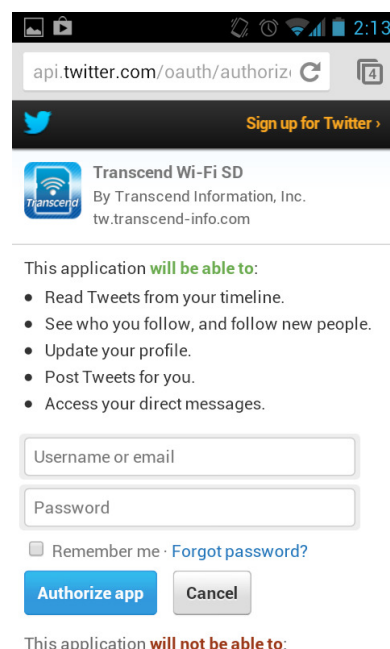
Select desired photos from the photo gallery and tap the **Share** button



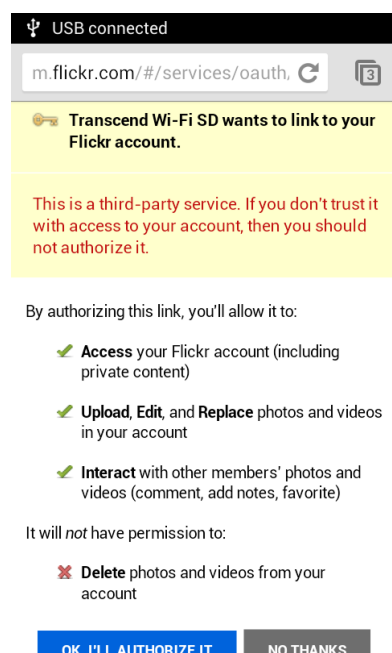
Select the social networking service you wish to share photos to



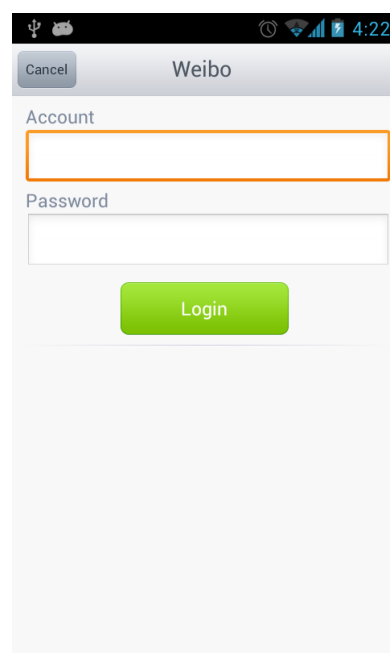
Login and Authorize your Facebook account to share photos



Login and Authorize your Twitter account to share photos




Login and Authorize your Flickr account to share photos



Login and Authorize your Sina Weibo account to share photos

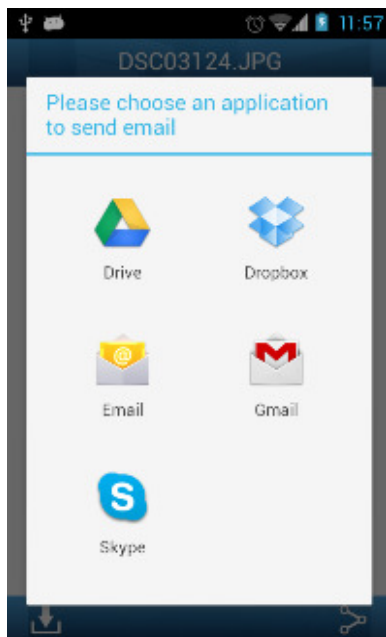
Emailing a Photo from Wi-Fi SD

To email a photo, tap the desired photo from the file list.

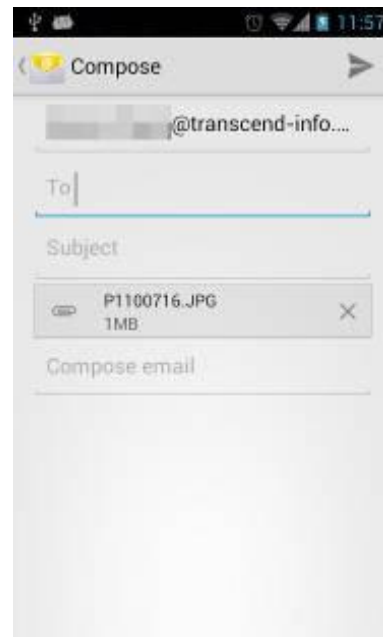
1. Tap the **share** button  and then tap **Others** to launch the Android device email function.

Note: **Share** button only appears in **Internet Mode**

2. Choose an email App installed on your device to send the email.
3. The file you selected will automatically be attached to the email draft.
4. Input the recipient's email address, subject line, and any desired email body text.
5. Send the email.



Select an Email Client App from the email function list



Compose the email with the selected photo attached

Share Photos via Other Apps

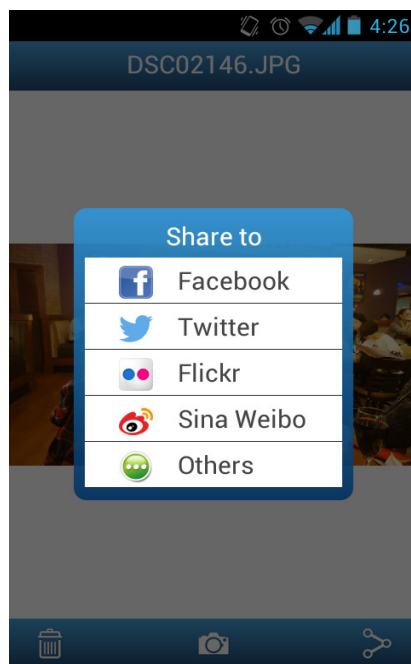
1. To share photos via other Apps, tap the desired photo from the file list.

2. Tap the share button  and then tap **Others**.

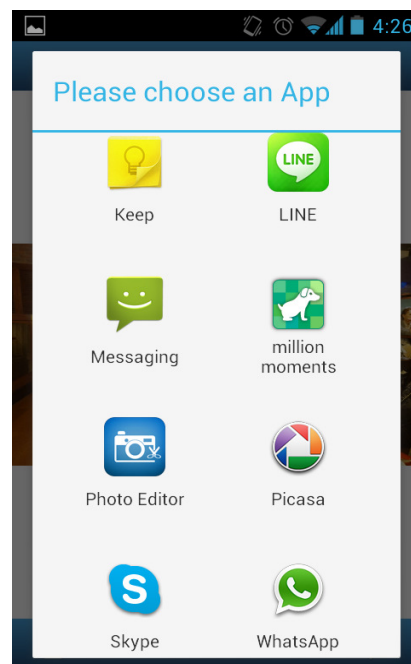
Note: the **Share** button only appears in **Internet Mode**

3. Tap an available App installed in your Android device.

4. The desired photo will automatically be attached to the selected App.



Tap the **Others** button

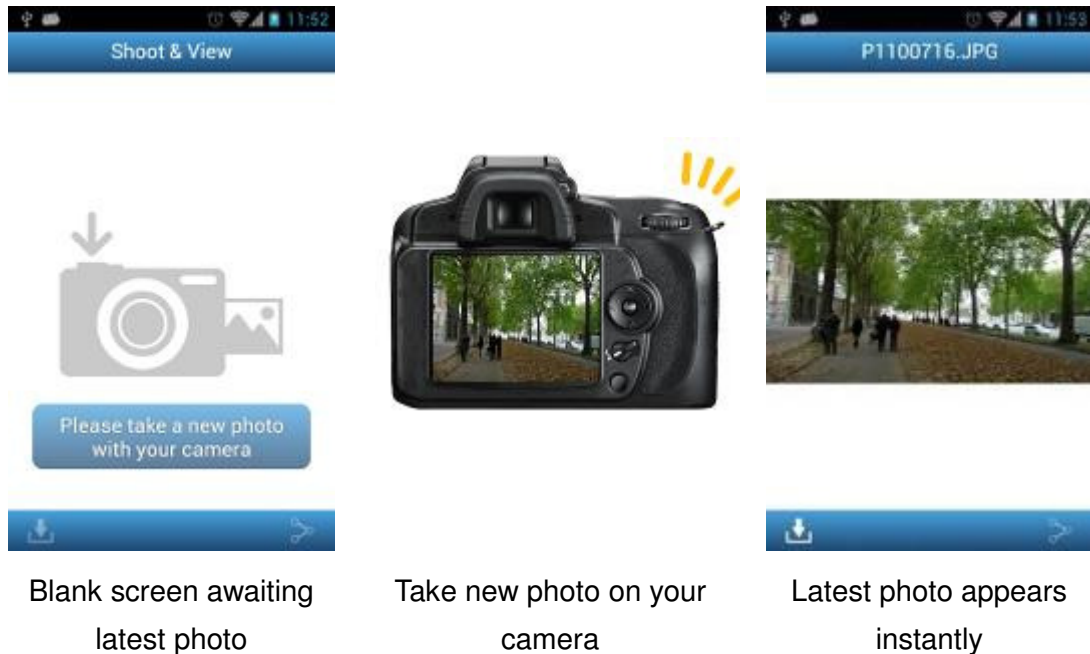


Tap an App to attach desired photo


Shoot & View

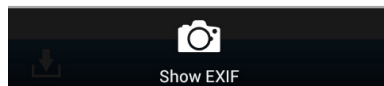
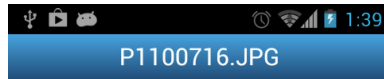
Shoot & View allows you to view the latest photo taken with your camera on your Android device instantly.

From the home screen, tap **Shoot & View**.

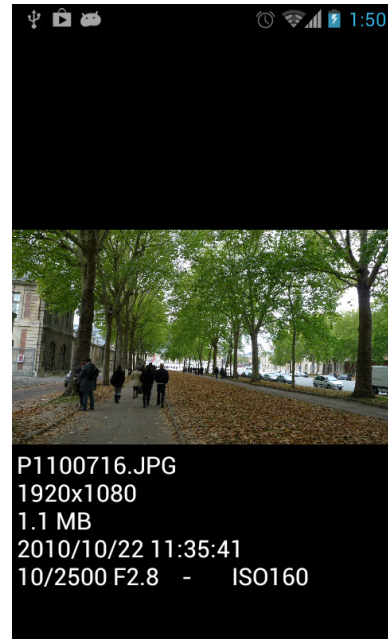


To download photos taken in Shoot & View mode to the download folder **sdcard/DCIM/WIFISD**:

1. Press the download button  to display the function menu.
2. Press **Download** to download it from the Wi-Fi SD card to the download folder for playback when not connected to the Wi-Fi SD device.
3. To display the EXIF information while viewing the latest photo, tap the menu button and select **Show EXIF**.



Tap the menu key and select **Show EXIF**



EXIF information displayed

Settings

Note: You must turn the camera off and back on to save any changes.

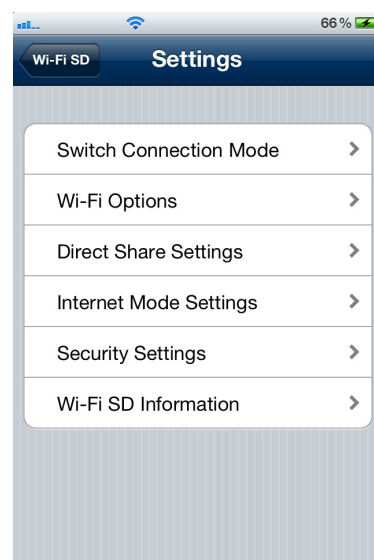
1. From the home screen, tap **Settings**.
2. Enter administrator username and password.

Note: The default username and password are both **admin** (all lower case)

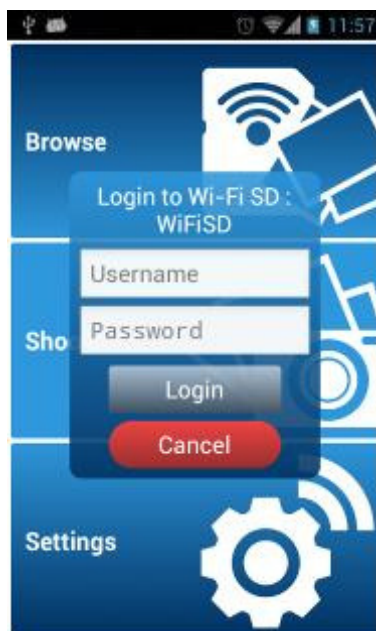
3. Tap **Done** or **Login** to access Wi-Fi SD Settings.



Enter admin details on iOS device



iOS device Wi-Fi SD Settings menu



Enter admin details on Android device



Android device Wi-Fi SD Settings menu

Switch Connection Mode

While connected via Direct Share or Internet Mode, the Wi-Fi SD app allows you to easily switch Wi-Fi connection modes.

1. Tap the connection mode you would like to change to and tap **Apply**. The new Wi-Fi SD connection mode will take effect immediately.
2. Go to the Wi-Fi connection settings of your iOS or Android device.
 - If switching to Direct Share: connect to the Wi-Fi SD card SSID.

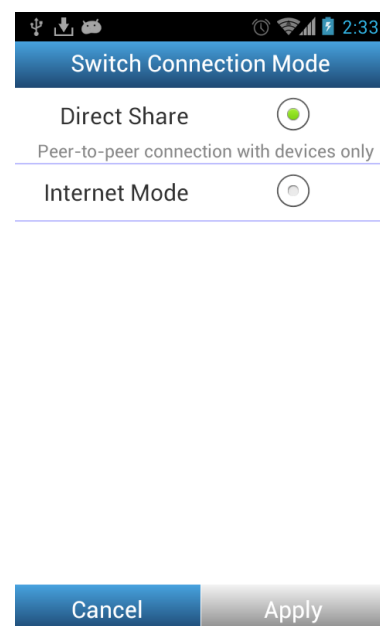
Or

 - If switching to Internet Mode: connect to the available Internet hotspot that you setup previously in the Wi-Fi SD Internet Mode settings.

Note: By default, the Wi-Fi SD card will automatically enter Direct Share mode each time the camera is powered on. To switch default startup mode to Internet Mode using the Wi-Fi SD App, see **Wi-Fi Options**.



Switch Connection Mode on iOS device



Switch Connection Mode on Android device

Wi-Fi Options

Note: Please upgrade the Wi-Fi SD card firmware to version 1.3 or later to enable this function.

Default Mode lets you choose whether the Wi-Fi SD card's wireless network signal will automatically broadcast in Direct Share or Internet Mode each time the camera is powered on.



Wi-Fi Options on iOS device



Wi-Fi Options on Android device

If no wireless connection to the Wi-Fi SD card exists after startup, Turn Off Wi-Fi allows you to turn off its Wi-Fi function after the selected time and work as a normal SDHC memory card. This can help to save camera battery life. The camera must be powered off and back on to re-enable the Wi-Fi function.

Note: This function works on startup only. If there is a connection to the Wi-Fi SD card after startup, the Wi-Fi function will never turn off, even if the Wi-Fi connection is lost.

Direct Share Settings

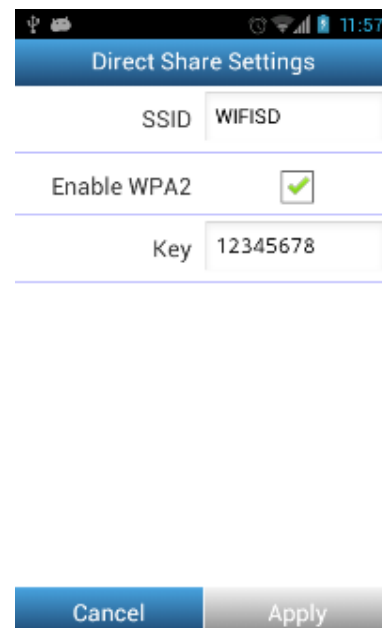
To configure basic wireless settings, tap **Direct Share Settings**.

WPA2 wireless security is enabled by default (Default Key '12345678'). It is recommended that you change the default SSID and Key to differentiate your Wi-Fi SD card from others that may be transmitting in your area.

Note: The SSID / Key must be at least 8 characters long and no more than 32 characters. All ASCII characters are acceptable.



Direct Share settings on iOS device



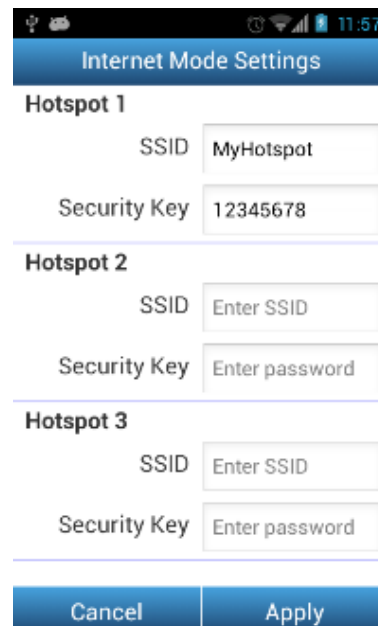
Direct Share settings on Android device

Internet Mode Settings

To enable the Wi-Fi SD card to connect to the Internet through an Internet hotspot, tap **Internet Mode Settings**. The Wi-Fi SD card can save the details of up to 3 Internet hotspots. When in range, the Wi-Fi SD card will connect to one of the available hotspots in order of priority, starting with Hotspot 1.



Internet Mode settings on iOS device



Internet Mode settings on Android device

1. **SSID:** Enter the SSID of the Internet hotspot you want to connect to.
2. **Security Key:** Enter the Internet hotspot security key.
3. Tap **Apply** to save the new Internet hotspots.

Set Administrator Password

This function allows you to set an administrator username and password to prevent unauthorized users from changing any Wi-Fi SD card settings.



Security settings on iOS device



Security settings on Android device

1. From the **Settings** menu tap **Security Settings**.
2. Enter a new username and password for the administrator account.
Note: Username: 5-12 characters. Password: 3 - 12 characters.
3. Tap **Apply** to save the new username and password.

Wi-Fi SD Information

Wi-Fi SD Information displays the total capacity, available capacity, MAC, IP Address and Firmware version of the Wi-Fi SD card.

From the settings menu tap **Wi-Fi SD Information**.



Wi-Fi SD information on iOS device

A screenshot of an Android app titled 'Wi-Fi SD Information'. It displays a table with five rows of information: Capacity (30.21 GB), Available (29.77 GB), MAC Address (B0:38:29:02:EE:91), IP Address (192.168.11.254), and Firmware (V1.6). The status bar at the top shows a clock icon, Wi-Fi, signal strength, and time (10:26).

Capacity	30.21 GB
Available	29.77 GB
MAC Address	B0:38:29:02:EE:91
IP Address	192.168.11.254
Firmware	V1.6

Wi-Fi SD information on Android device

Connecting to the Wi-Fi SD Card using Other Devices

To wirelessly access digital content on your laptop, smartphone, or tablet:

1. **Direct Share:** On your Wi-Fi enabled device, use the Wi-Fi connection settings to search and connect to the Wi-Fi SD card's dedicated wireless network.
2. Once connected, launch an Internet browser and type "**192.168.11.254**" into the browser address bar.
3. Enter administrator username and password.
Note: The default username and password are both **admin** (all lower case)
4. You will now be able to see the home screen of the Wi-Fi SD card, where you can view and download photos and videos from the Wi-Fi SD card, change Wi-Fi SD card settings, and view Wi-Fi SD information.



Internet browser Wi-Fi SD card home screen

View Photos & Videos



Internet browser Wi-Fi SD card Photo gallery



Internet browser Wi-Fi SD card Video gallery

View Photos / Videos

- Tap the desired photo / video thumbnail.

Download Photos / Videos

- Tap **Download** to save the file to local storage.

Settings

This menu lets you manage important functions of the Wi-Fi SD card such as, setting wireless preferences, wireless security, and setting administrator password.

Administrator Account	
User name (Min 5 character) :	admin
Password (Min 3 character) :	****
Confirm Password :	****

WiFi Settings	
SSID :	WIFISD
Enable WPA2/PSK Security :	<input checked="" type="checkbox"/>
Pre-shared key :	12345678 (Please input 8 ~ 63 characters)

WiFi Options	
Default Mode :	<input checked="" type="radio"/> Direct-Share <input type="radio"/> Internet
Turn Off WiFi :	<input checked="" type="radio"/> Never <input type="radio"/> 1 min <input type="radio"/> 5 mins <input type="radio"/> 10 mins

Internet Hotspot Settings	
1	SSID : KEY :
2	SSID : KEY :
3	SSID : KEY :

Submit

Internet browser Wi-Fi SD card Settings

Administrator Account

- Set up new Username and Password.

Wi-Fi Settings

- For Direct Share Mode: setup a new Wi-Fi SD SSID and WPA2 security key

Wi-Fi Options

- Select Default Mode and Turn Off Wi-Fi timer

Internet Hotspot Settings

- For Internet Mode: setup Internet hotspot information.

Tap **Submit** to submit any changes.

Note: You must turn the camera off and back on to save any changes.

Information



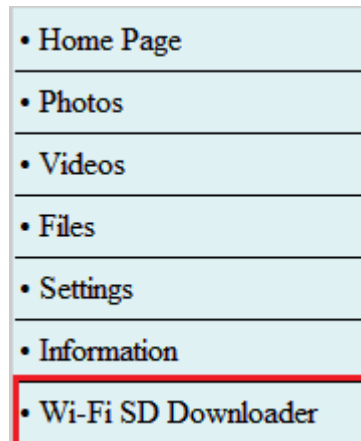
Internet browser Wi-Fi SD card Network Device Information

- LAN** - MAC address, IP Address and Subnet Mask.
- Firmware** - Firmware version and Build Date.
- Wireless** - Wi-Fi SD Card Mode, SSID, and Channel.
- Wireless Client** - The Host name, IP and Mac address of the Wi-Fi devices connected to the Wi-Fi SD.

Wi-Fi SD Downloader (Chrome only)*

* Wi-Fi SD Card must have firmware version 1.8 or later to support Wi-Fi SD Downloader in Chrome.

Wi-Fi SD Downloader allows you to select multiple files to download to your computer, and display “Shoot & View” images.

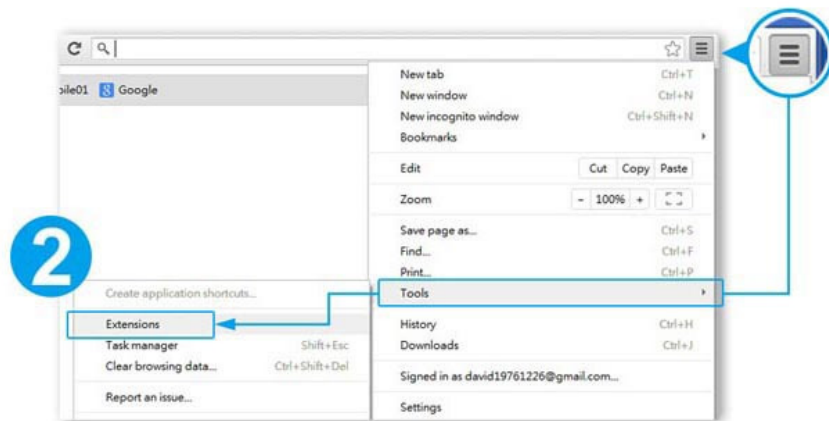


Internet browser Wi-Fi SD Downloader

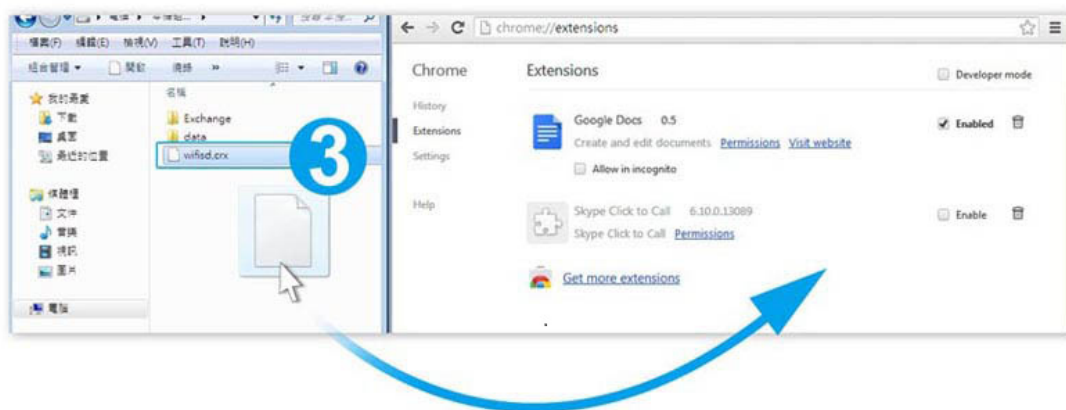
1. Click the link “**Wi-Fi SD downloader**” at the top of the page to download the Wi-Fi SD Downloader to your computer.



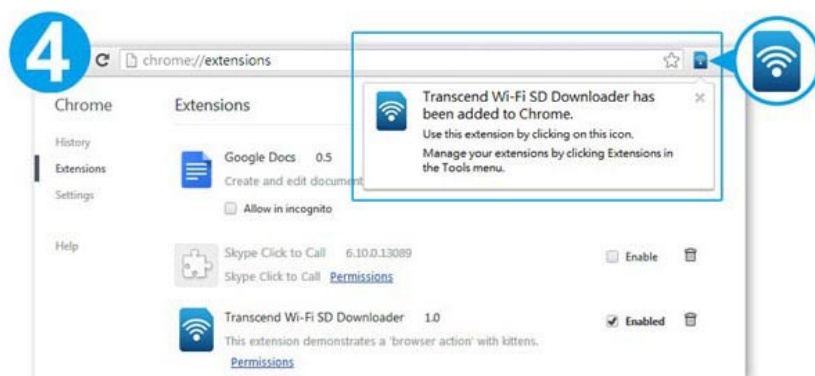
2. Click the Chrome menu on the browser toolbar, select **Tools**, and then select **Extensions**
Or
Open a new tab, type **chrome://extensions/** in the address bar and press Enter to open the Chrome extension page.



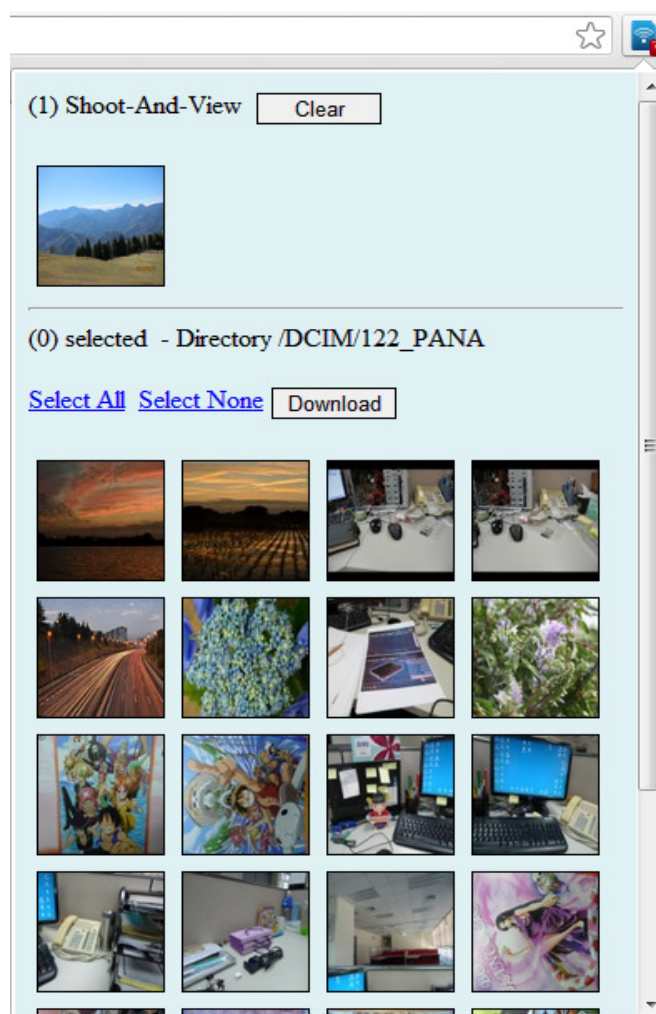
3. Drag and drop the file “wifisd.crx” that was downloaded in step 1 to the Chrome extension page.



4. The Wi-Fi SD Download will be installed automatically.



5. Switch to the Wi-Fi SD photo page and click on the Wi-Fi SD Downloader icon.



Wi-Fi SD Downloader displays the latest photo taken with your camera on your computer instantly.

It also allows you to select multiple files to download to your computer.

- Clear** - Clear the “Shoot & View” image viewer
- Download** - Tap **Download** to save files to the computer

Restore Defaults (Return to Original Settings)*

This function allows you to reset the Wi-Fi SD card wireless settings to the original factory defaults. None of the files stored on the Wi-Fi SD card are deleted when performing this action.

(On your camera)

1. Insert the Wi-Fi SD card into your camera. (For directions on inserting an SD card into your camera, please see your camera's user manual.)
2. Power-on the camera and press the display button to view camera images. (For directions on viewing images on your camera, please see your camera's user manual.)
3. Scroll to the **Restore Defaults** image and press the delete button to delete the image. Deleting the image will reset the Wi-Fi SD card wireless settings to the original factory defaults. (For directions on deleting images from your camera, please see your camera's user manual.)
4. After deleting image, please power-off your camera and reinsert the Wi-Fi SD card again. All settings will be reset to their defaults.



*The Restore Defaults option is not supported in firmware version 1.7 or later. To restore default settings, you must upgrade the Wi-Fi SD Card firmware. See the following chapter for more details.

Upgrading Firmware

Each time the Wi-Fi SD App is launched while connected to the Wi-Fi SD Card; it will check your card's firmware version. If a newer version is available, a popup message will notify you. Please go to www.transcend-info.com/downloads to download it.

For Windows/Mac user, please download Wi-Fi SD Firmware Update Tool (Windows/Mac ver.) to upgrade firmware.

Note: To prevent data loss, it is recommended that you backup your data to another location before upgrading the firmware of your Wi-Fi SD card.

1. Download the firmware files and insert the Wi-Fi SD card into your computer.
(depending on your computer setup, you may need to use an SD card reader)
2. Copy the firmware files to the root directory of Wi-Fi SD card.
3. Eject the drive and remove the Wi-Fi SD card from your computer.
4. Re-insert the Wi-Fi SD card into your camera.
5. Power on the camera and wait for 5 minutes.
6. After 5 minutes, turn camera power off and on again to complete upgrade.



IMPORTANT: Please disable power saving and do NOT power off your camera during firmware upgrade. Any interruption during the process may cause unexpected results.

Troubleshooting

1. I can't see the Wi-Fi SD network on my device.

A: Check that Wi-Fi connectivity is enabled on your device. Also, please check the power status of your camera. The Wi-Fi signal cannot be launched when camera battery level is too low. Additionally, if the default startup mode is set to Internet Mode then the Wi-Fi SD card will first search for the hotspots listed in the Internet Mode Settings before automatically switching to Direct Share Mode. Please wait around one minute for the network to appear.

2. I can't connect wirelessly to the Wi-Fi SD network.

A: Turn your camera off, reinsert the Wi-Fi SD card, and then power on the camera. Please also check the number of devices currently connected to the Wi-Fi SD card. The Wi-Fi SD card can connect to up to 3 devices at the same time.

3. I forgot the username and password. How do I access Wi-Fi SD settings?

A: Please update firmware to reset defaults. The default username and password are both reset to **admin** (all lower case)

4. How do I turn off the Wi-Fi SD card?

A: Simply turn off your camera. All Wi-Fi SD card functions will be disabled.

5. How many devices can connect to Wi-Fi SD simultaneously?

A: Up to 3 devices can connect to the Wi-Fi SD card at the same time.

6. Can the Wi-Fi SD card work in my camera?


A: Please go to <http://www.transcend-info.com/Products/Compatibility/> for an up-to-date list of compatible cameras.

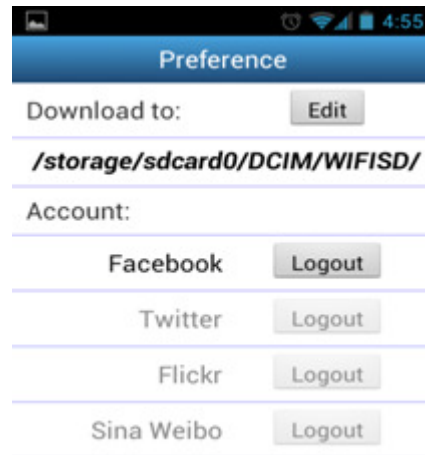
7. Wi-Fi SD connection speed is slow.

A: Wireless performance depends on environment and distance from device or hotspot. To obtain the best possible connection speed, you can experiment with the following:

- Make sure your camera has adequate power.
- Try adjusting the location and orientation of the Wi-Fi SD card.

8. Can I change the default photo download path for my Android device?

A: Tap the More button  from the App home screen and select Preference to edit the default download path of your Android device.



Specifications

Dimensions	32mm (L) × 24mm (W) × 2.1mm (H)
Weight	2g
Network Interface	Wi-Fi 802.11b/g/n
Wi-Fi Encryption	WEP/WPA/WPA2*
Operating Voltage	2.7V~3.6V
Operating Temperature	0 °C (32 °F) to 60 °C (140 °F)
Certificates	CE, FCC, BSMI
Warranty	Two-year Limited

*In Direct Share mode, the Wi-Fi SD card only supports WPA2 encryption.

Ordering Information

<i>Device Description</i>	<i>Transcend P/N</i>
16GB Wi-Fi SD	TS16GWSDHC10
32GB Wi-Fi SD	TS32GWSDHC10

Get more help

If you cannot find the answer to your problem in this manual and are having difficulty with the Wi-Fi SD card or App, please visit our Tech Support website at www.transcend-info.com/support.

FCC Compliance & Advisory Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference and
2. this device must accept any interference received, including interference that may cause undesired operation of the device.

FCC RF Radiation Exposure Statement

This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Warning: A shielded-type power cord is required in order to meet FCC emission limits and also to prevent interference to the nearby radio and television reception. It is essential that only the supplied power cord be used. Use only shielded cables to connect I/O devices to this equipment.

NCC 警語

第十二條：經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條：低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

前項合法通信，指依電信法規定作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

Transcend Limited Warranty

This product is covered by a Two-year Limited Warranty. Should your product fail under normal use within two years from the original purchase date, Transcend will provide warranty service pursuant to the terms of the Transcend Warranty Policy. Proof of the original purchase date is required for warranty service. Transcend will inspect the product and in its sole discretion repair or replace it with a refurbished product or functional equivalent. Under special circumstances, Transcend may refund or credit the current value of the product at the time the warranty claim is made. The decision made by Transcend shall be final and binding upon you. Transcend may refuse to provide inspection, repair or replacement service for products that are out of warranty, and will charge fees if these services are provided for out-of-warranty products.

Limitations

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