



User Manual

PIXPRO SP360

(Smart Device Version)

for

KODAK PIXPRO SP360 Action Cam

Before You Start

Declaration of Conformity

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About this Manual

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- All trademarks mentioned in this manual are used for identification purposes only and are properties of their respective owners.
- This manual will instruct you on how to operate the PIXPRO SP360 APP. JK Imaging Ltd. Every effort has been made to ensure that the contents of this manual are accurate, however JK Imaging reserves the right to modify and make updates and changes as necessary.
- Throughout this manual, the following symbols are used to help you locate information quickly and easily:



Indicates useful information



Indicates pressing and holding in a certain point









Indicates tap a certain point

Matters Needing Attention

- Your smart device operating system needs to be version iOS 7 or higher, or Android 4.2 or higher. iPad mini1 / iPad 2 / iPhone 4s and earlier models (using any system versions) will not support this APP.
- Do not use in places with high intensity magnetic fields, electrostatic and electric wave interference (for example near a microwave oven), which may or may not cause failure in the camera receiving proper signals.
- Please do not use Wi-Fi or NFC connection functionality on a plane.
- When using the Wi-Fi or NFC connection, the camera and the Smart Device can only be connected one to one. Please keep the camera within 10 meters (32.8 feet) avoiding signal shielding interference.
- When the Smart Device detects its operating system to be out of memory, the APP will not be able to operate normally. Please check the memory of your Smart Device and make any necessary updates.
- We will update the APP from time to time. Some new features will require you to synchronously update the firmware version of the camera in order to ensure the stability of the system. Please note for these types of prompts on the APP.

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Connecting the Camera with the Smart Device

> Download and Installing the APP

Please download APP installation package  (APP name: PIXPRO SP360) to your Smart Device from the path below and install it.


■ Android System

For Android devices, search and download the “PIXPRO SP360” APP  in Google play and install it following the instructions on the interface.



<https://play.google.com/store/apps/details?id=com.jkimaging.pixprosp360>

■ iOS System

For Apple devices, search and download the “PIXPRO SP360” APP  in the iTunes APP store and install it following the instructions on the interface.




<https://itunes.apple.com/us/app/pixpro-sp360/id897449773?mt=8>

After successful installation, this icon  will appear on your Smart Device's screen.

> Establishing a Connection


>1 Wi-Fi Connections (iOS and Android Systems)

1. Camera: Check the SSID (PIXPRO-SP360_XXXX) and password (default factory password: 12345678) as indicated on the label inside the battery compartment of the camera. In the main interface, press the  button to switch to Wi-Fi mode.
2. Smart Device: Enable Wi-Fi mode, the Smart Device will automatically search nearby Wi-Fi hotspots. Select the camera's SSID (PIXPRO-SP360_XXXX) and input the password.



To optimize Wi-Fi performance, please close other unnecessary programs running on your Smart Device.



For an Android system Smart Device, you can directly tap the App icon  to enter the "Select connecting device" screen. Select the SSID name of the camera to be connected, enter an eight-digit password, and tap "Connect".

>2 NFC Connection (Android System)

1. Enable NFC mode on your Smart Device.
2. Use your Smart Device to lightly touch the NFC mark on the camera; if the smart device has a prompt tone or vibration, it means the connection is successful.
3. The APP should automatically open on your Smart Device.



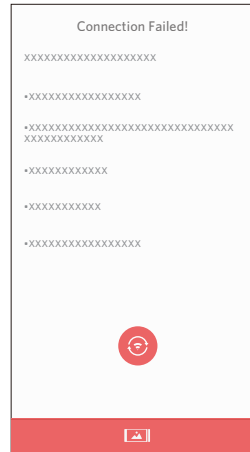
The NFC feature will only be available when your Smart Device's screen is unlocked.




After having a successful connection of your Smart Device with an camera, if you use a different camera to touch the same Smart Device, the previous connection will be replaced.




If connection fails, tap  to try reconnecting.



When it is unnecessary to connect your Smart Device to the camera or you are unable to connect your Smart Device to the camera, tap the icon  on the screen of your Smart Device to perform related operations under the Playback Mode of the Smart Device.




Operation Methods

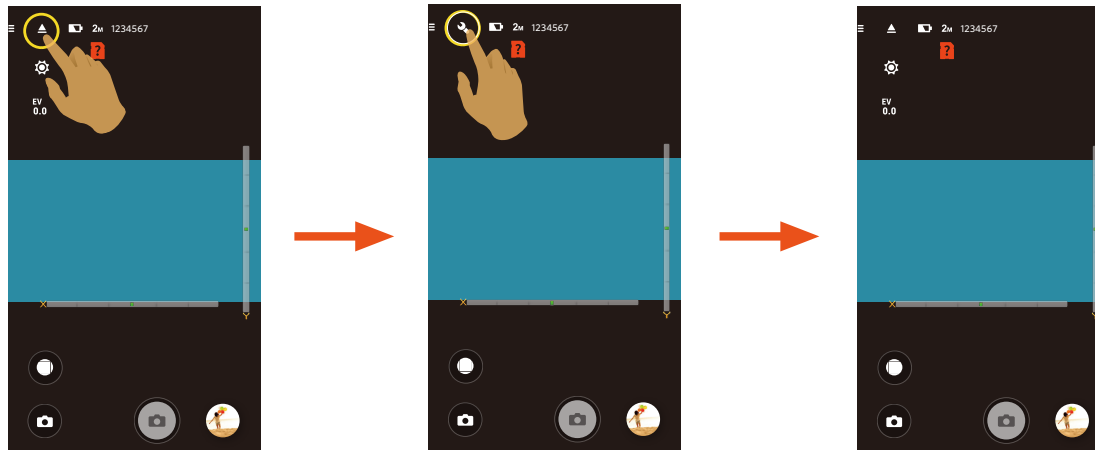
> Position Service Function

When connected successfully, you can tap the APP icon () to start it. Enable the GPS function on the smart device by following the prompts on the interface, PIXPRO SP360 can record GPS location on picture files. This function is not available for video files.

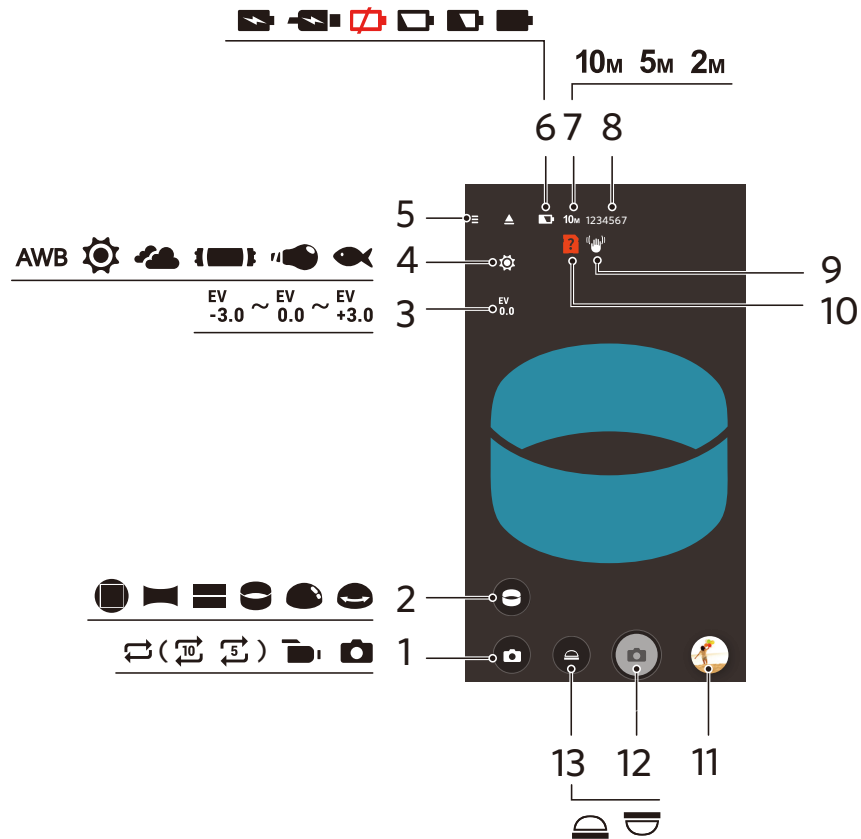
> Remote Viewfinder

>1 Remote Viewfinder Interface

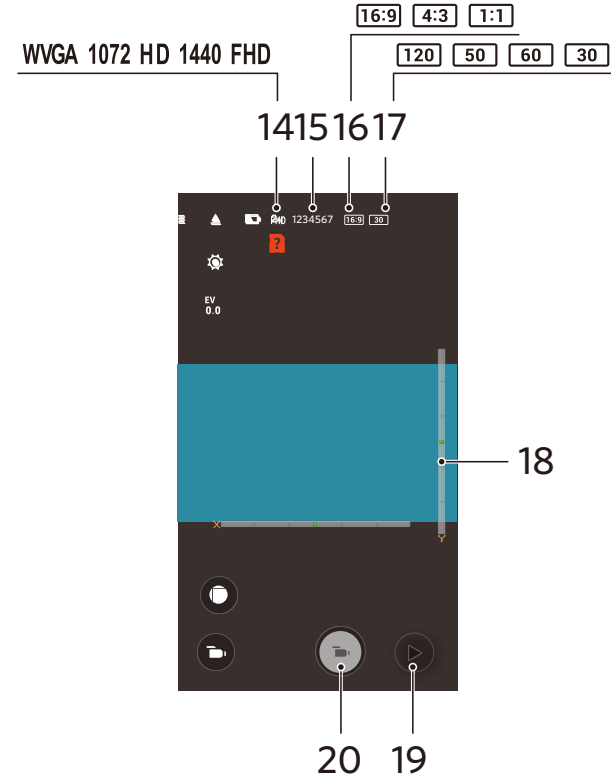
 On the Remote Viewfinder interface, tap  to hide EV value and White balance icons , and tap  to restore initial display.





Shooting Interface



Movie Interface

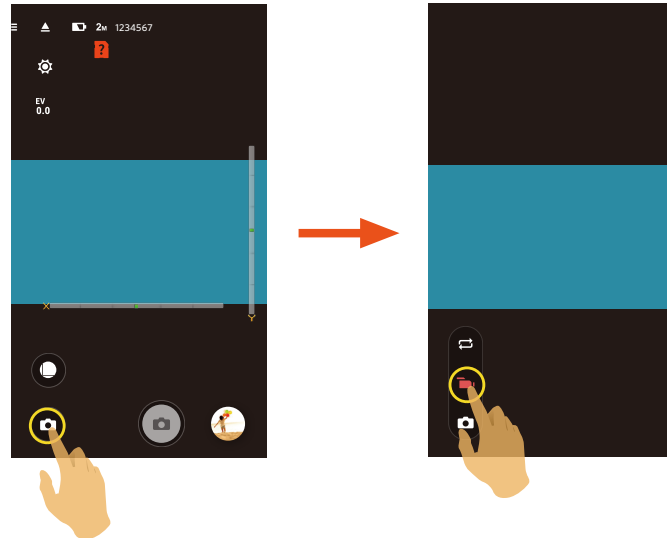


1	Shooting Mode	6	Battery State	11	Quick Review	16	Pixel Ratio
2	Unfold Mode	7	Image Size	12	Shutter	17	Frame Rate
3	EV Value	8	Number of Photos that Can be Taken	13	View Mode	18	Level Sensor
4	White Balance	9	EIS	14	Movie Size	19	Playback
5	Menu	10	No Memory Card in the Camera	15	Recordable Video Time	20	Start Video Recording  / Stop Video Recording 

>2 Parameter Settings

Shooting Mode

Tap the Shooting Mode icon to enter the Mode Selection screen. Tap any of the options to confirm your selection.



Loop Recording

Loop recording allows for the recording of independent segments of movies according to selected time length from the beginning of recording. The product will continually record movies of the length selected until the record button is pressed to end recording. When the memory card is full, the product will overwrite the recorded files starting from the first movie circularly.



To use this feature, a memory card needs to be inserted into the camera.

Movie Mode

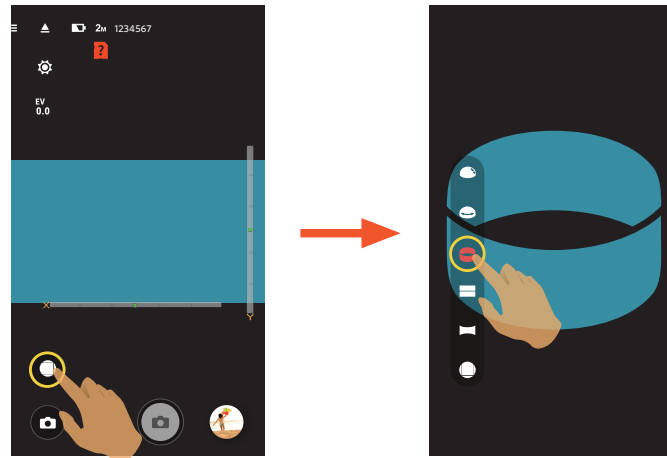
Enables video recording.

Auto Mode

Enables photo shooting.

Unfold Mode

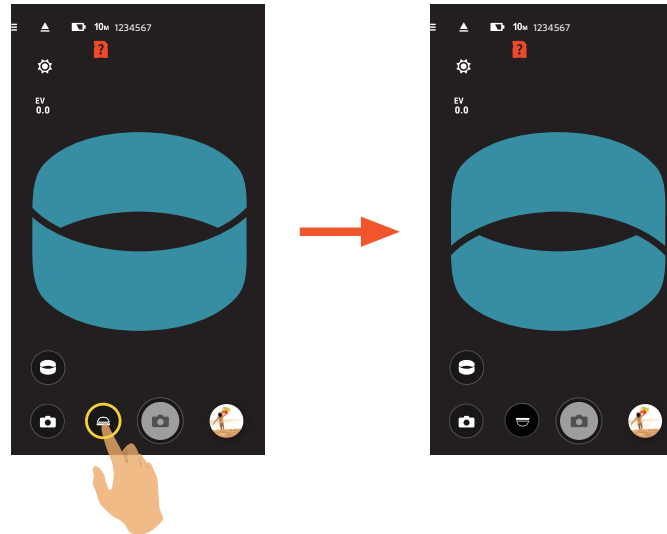
Select from several different viewing effects.





Type	Icon	Mode	Operating methods (moving via sliding the finger around)
Square		Front	-
Spherical		Panorama	Move to the left/right
		Seg	Move up/down (Enlarge image) , move to the left/right
		Ring	Flip up/down, move to the left/right
		Magic flat	Move up/down, move to the left/right
		Dome	Flip up/down, move to the left/right

View Mode

Select the icon according to the direction that the camera lens is facing, so the image will be displayed in the upright direction.



Icon	Mode	Description
	Up	Means the image will be displayed upright when the lens is facing upward.
	Down	Means the image will be displayed upright when the lens is facing downward.

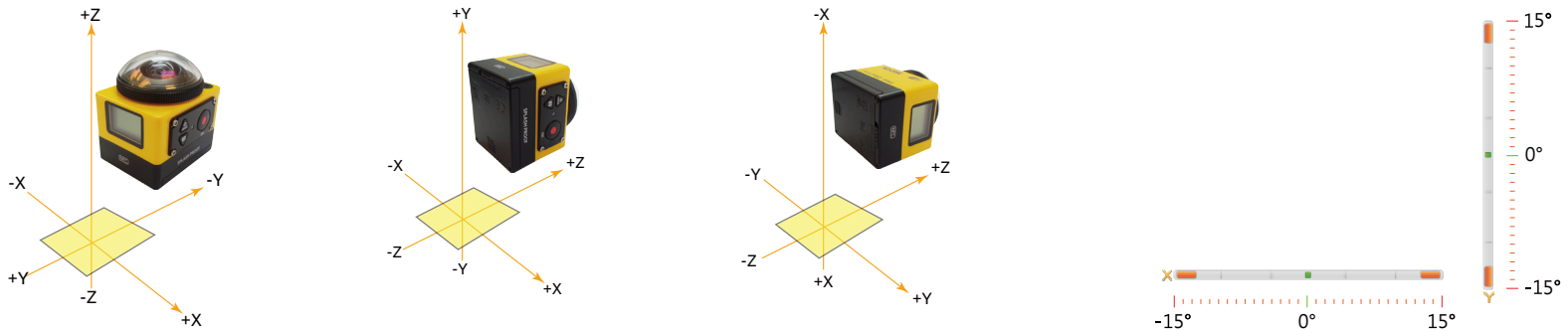


In the Front mode, this function is not displayed.

Level Sensor

Detect the horizontality of the camera.

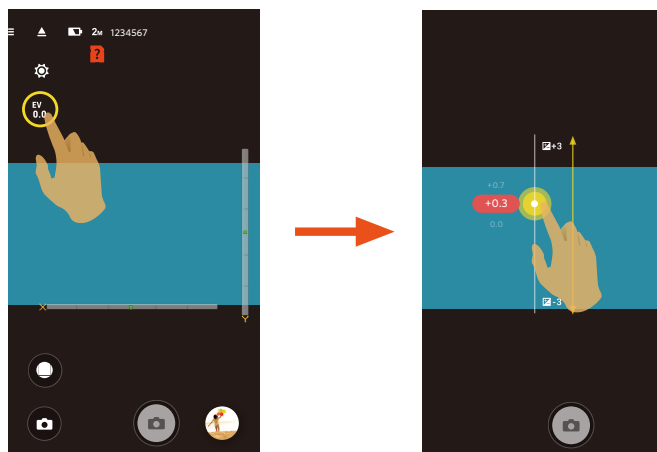
Horizontal and vertical bar represent two directions parallel to sea level. Set the center of the horizontal bar and the center of vertical bar as base points. There are 15 sections on both up and down side from the base point for the vertical bar and 15 sections on both left and right side from the base point for the horizontal bar. Each section represents inclination of 1° . When the tilt angle is more than 50° , the axial directions corresponding to the horizontal bar and vertical bar will change.



EV Settings

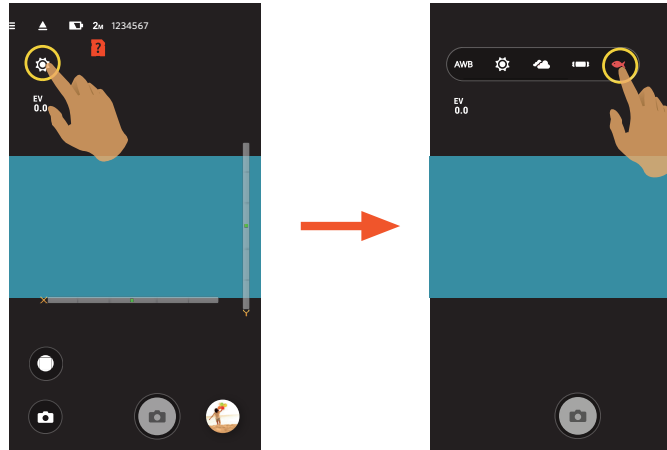
Adjust the brightness of the framing interface. This setting can be applied where the contrast of the subject shot and background brightness are vastly different.

EV value can be adjusted by sliding your finger up and down.







White Balance



The White Balance function allows the user to adjust color temperatures under different light sources, to allow individual color selections and more flexibility in different lighting and environments.



There are 5 options:

- **AWB** AWB
-  Daylight
-  Cloudy
-  Fluorescent
-  Underwater

Menu

Tap  to show a settable menu. Tap the Menu Items to be set to enter the Item Options screen. Tap Options to return to the Menu screen. Tap  to return to the Remote Viewfinder screen.

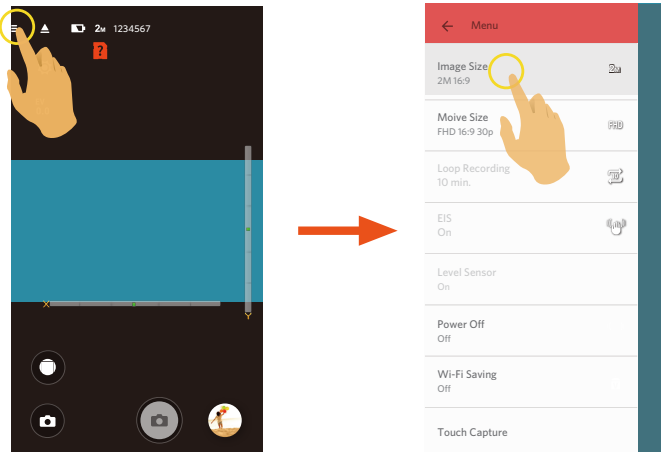


Image Size

Setting photo resolution sizes.

There are 3 options:

- **10M** 10M 1:1 3264 x 3264
- **5M** 5M 2592 x 1944
- **2M** 2M 16:9 1920 x 1080

Movie Size

Setting video resolution.

There are 9 options:

- **FHD** FHD 16:9 30p (1920 x 1080)
- **1440** 1440 x 1440 1:1 30p
- **HD** 1280 x 960 4:3 50p
- **HD** 1280 x 960 4:3 30p
- **HD** 1280 x 720 16:9 60p
- **HD** 1280 x 720 16:9 30p
- **1072** 1072 x 1072 1:1 30p
- **WVGA** 848 x 480 16:9 60p
- **WVGA** 848 x 480 16:9 120p



When recording in higher pixel resolutions for extended periods of time, the camera may get warm. This is not a camera malfunction. Please shut down until the body temperature is lowered, and then start to use.





Select 120fps as the frame rate of movie size to carry out high-speed video recording. The product shoots ultra high speed movies, and plays back with normal 30fps speed, in order to capture visually indistinguishable moments easily.

- ① The sound cannot be recorded.
- ② It does not support Electronic Image Stabilization (EIS).
- ③ The maximum recordable time is 60 seconds, when the time reaches 60 seconds, the product will automatically stop recording.

Loop Recording

Set the time period for Loop Recording.


There are 2 options:

- 5 min. ()
- 10 min. ()

EIS (Electronic Image Stabilization)

Set the electronic image stabilization modes.

There are 2 options:

- Off
- On ()



EIS (Electronic Image Stabilizer) is only optional under 1072 x 1072 1:1 30p size.

Level Sensor

Set the level sensor.

There are 2 options:

- On
- Off



This feature is only activated in the front unfold mode ().

Power Off

When this function is enabled, if there are no actions taken within a set time frame (except while recording), the product will automatically shut down.

There are 3 options:

- Off
- 5 min.
- 10 min.

Wi-Fi Saving

The Wi-Fi will automatically disconnect if you do not touch the Smart Device screen within three minutes after starting to record. However, the Camera will continue recording.

There are 2 options:

- On
- Off

Touch Capture

Tap the Touch Focus icon or enter the menu for setting.

There are 2 options:

- On
- Off

Format SD (DSC)

To clear all data stored on the memory card.

There are 2 options:

- FORMAT
- CANCEL

Reset

Reset settings (except for Date and Time, Wireless AP point, SSID and password, UID and password in the "remote monitoring") you can recover all initial product settings to the factory defaults.

There are 2 options:

- RESET
- CANCEL





After resetting, the camera will automatically power off .

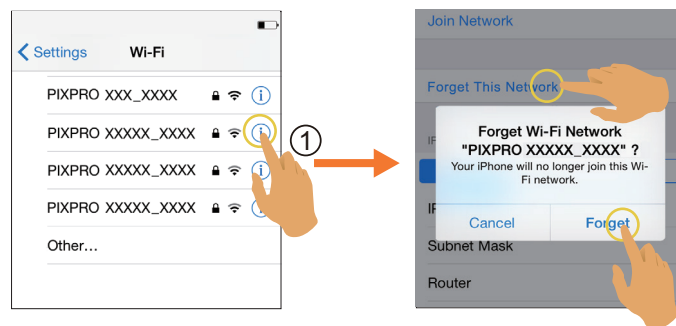
Change Password

To change the Wi-Fi connection password.

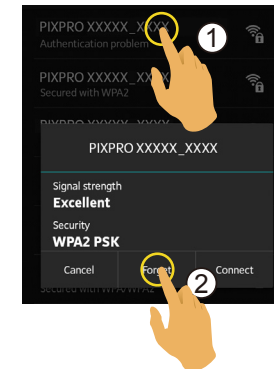
Enter the old password following the screen prompts then enter your new password twice. Finally Tap "Update".

-  If you forget the Wi-Fi connection password, you can use the factory default reset function on the camera to reset it back to the original password: 12345678.
-  Please enter the new password on your Smart Device after changing your Wi-Fi password. Some models of Smart Devices will remember the Wi-Fi password previously entered. Please clear the old password on your Smart Device manually before reconnecting (For different models, this operation may vary, please refer to your Smart Device's user manual).

iOS System
























Android System



About








- View the current version of the APP.
- View the firmware version of the camera while in the APP connection status.
- Tap the official website on the interface and you can go to the website for more information.

Menu can be adjusted in each Mode: (O: Optional X: Not optional).


Menu Items \ Mode															
		 /  /  /  / 					 /  /  /  / 					 /  /  /  / 			
EV Value	X	X				O	O				O	O			
White Balance	O	O				O	O				O	O			
Unfold Mode	O	O				O	O				O	O			
View Mode	X	O				X	O				X	O			
Size	O	O				O	O				O	O			
Loop Recording	O	O				X	X				X	X			
EIS	X	O (1072 x 1072 1:1 30p)				X	O (1072 x 1072 1:1 30p)				X	O (1072 x 1072 1:1 30p)			
Level Sensor	O	X				O	X				O	X			
Power Off	O	O				O	O				O	O			
Wi-Fi Saving	O	O				O	O				O	O			
Touch Capture	X	X				X	X				O	O			

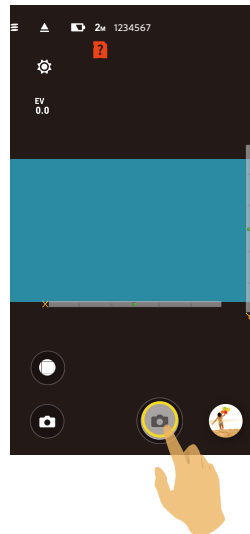
>3 Shooting Methods

 All files are saved on the microSD memory card in the camera.


 Select  and the stored video or photo files will be rectangle; select  /  /  /  /  and the stored video or photo files will be global.



Shooting

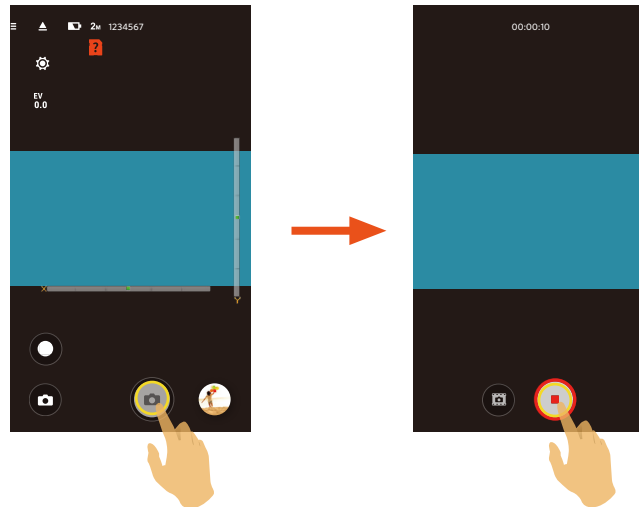
1. Align the camera lens with the shooting subject and confirm viewing through the screen of your Smart Device.
2. Tap the icons on the Interface to set the corresponding parameters.
3. Tap  to take a still photo.



Video Recording

Tap the Shooting Mode Icon on the Shooting screen to enter the Mode Selection screen and tap  to enter the Video Recording screen.

1. Tap the icons on the interface to set the corresponding parameters.
2. Tap  to start recording and then tap  to stop recording.





 In the Video Recording process, tap  to shoot without affecting the Video Recording.

> Playback

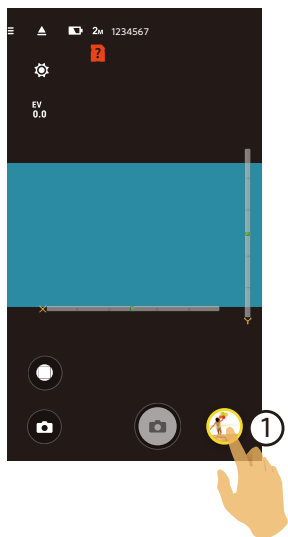
There are two playback modes:

- Single Playback (movie / photo);
- Index Playback (camera/smart device).

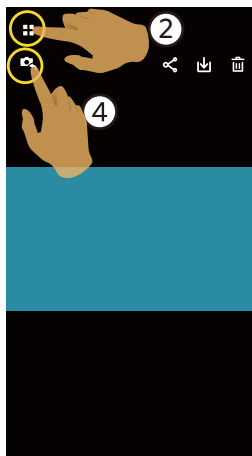
>1 Switching of the Remote Viewfinder Mode and the Playback Mode

1. Tap the review and to enter the camera's Single Playback Interface.
2. Tap  to enter the Index Playback Interface.
3. Tap any small icon to enter the Single Playback Interface.
4. Tap  to enter the Remote Viewfinder Interface.

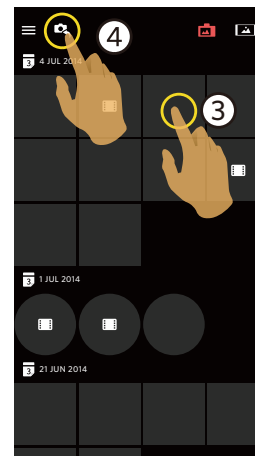
Remote Viewfinder Interface





Single playback Interface

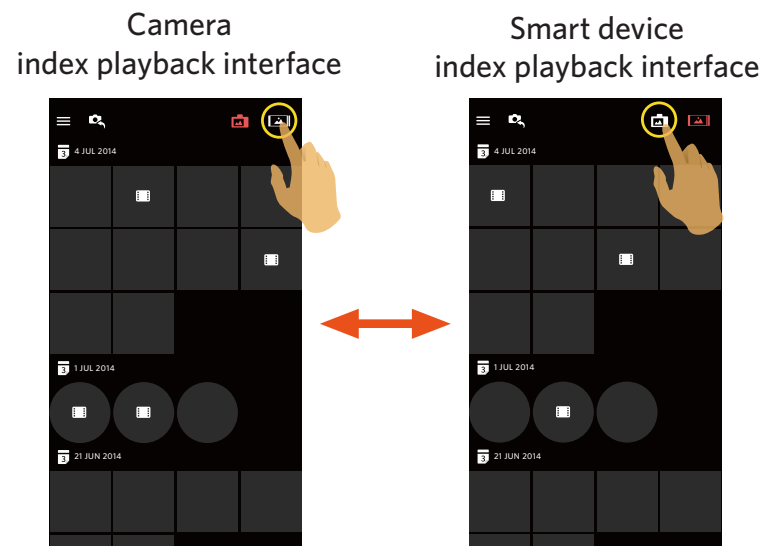




Index playback Interface



>2 Switching Camera and Smart Device Index Playback

1. On the camera Index Playback Interface, tap  to enter into the Smart Device Index Playback Interface.
2. On the Smart Device Index Playback Interface, tap  to enter into the camera Index Playback Interface.



-  On the Smart Device Index Playback Interface, tap a small figure to enter into the Smart Device Single Playback Interface.
-  On the camera Index Playback Interface, tap a small icon to enter into the camera's Single Playback Interface.

>3 Introduction of Icons in the Playback Mode

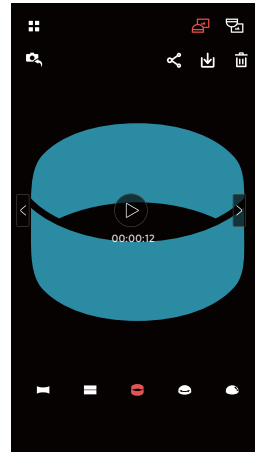
Single Playback

Camera

Photo Playback Interface



Video Playback Interface



Smart Device

Photo Playback Interface



Video Playback Interface

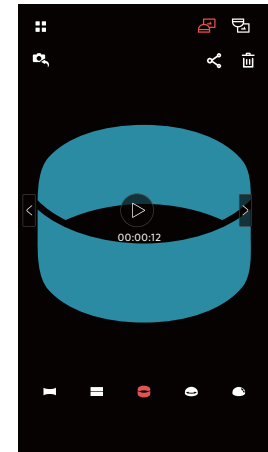
















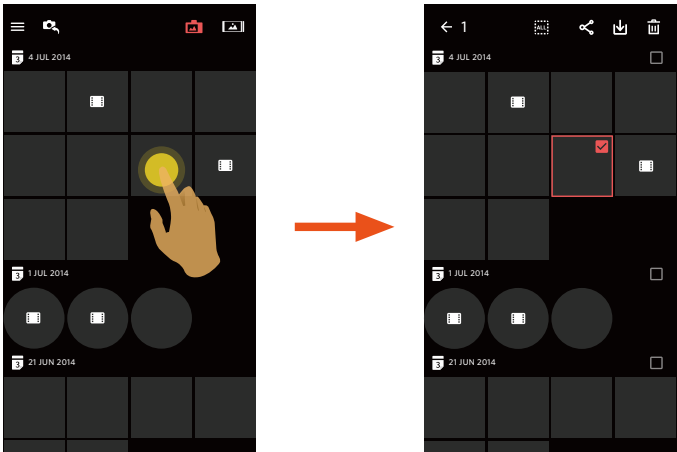


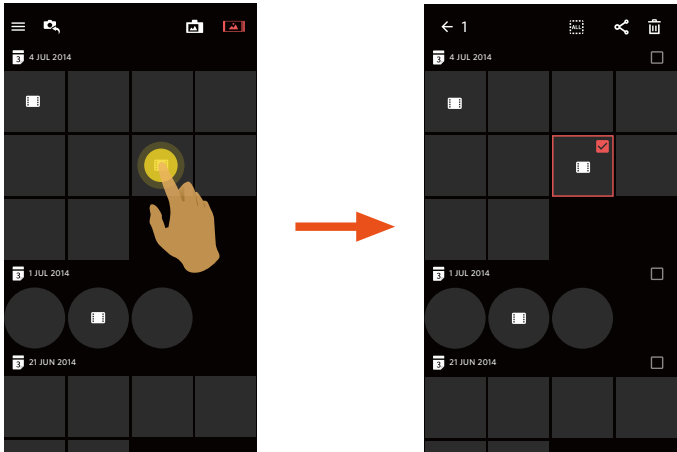
Photo or video	 Enter Index Playback screen	 Enter photo or movie mode
	 Share the current photo or video to social networks	 Download the current photo or video to the Smart Device
	 Delete the current photo or video	 Rotate the photo
	 Play the video	
Spherical photo or video	 Switching to the previous photo or video	 Switch to the next photo or video
	 The image is displayed in an erected direction	 The image is displayed in an inverted direction
	 Panorama	 Seg
	 Ring	 Magic flat
	 Dome	









Index Playback

Camera 



Smart Device 



 Menu	 Return to the previous interface
 Enter photo or movie mode	 To select all files
 Select multiple files to share	 Enter the download mode to move the files in the camera into the smart devices
 Select multiple files to delete	 Video file

> 4 Description of the Functions in Playback Mode

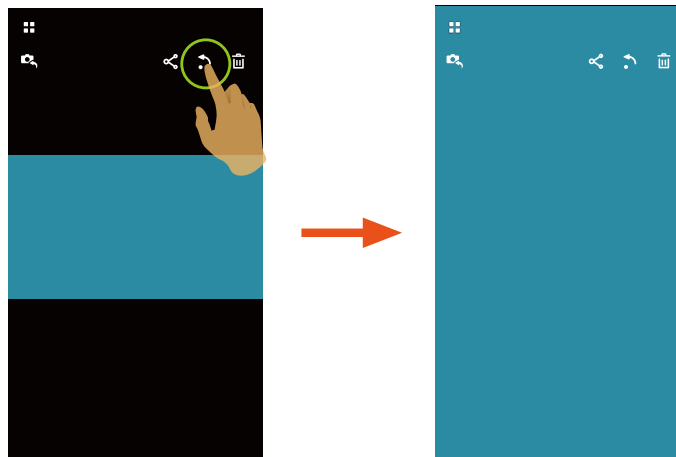
Gestures in Playback Mode

1. Hide/display the icons: Tap the photo or video once with a single finger.
2. Zoom in the photo or video (except for front video): Quickly tap the photo or video twice or use two fingers to expand the photo or video.
Zoom out the photo or video (except for front video): Quickly tap the photo or video twice and it will restore the photo or video to its' original size. Use two fingers and pinch to reduce the photo or video.
3. Browse fore-and-aft files: Tap < / > with one finger (for spherical files) or slide around with one finger (for front files).
4. Move the photo: Sliding a finger to move the front photo around.

Rotate ↺ (Smart Device Single Playback Mode)

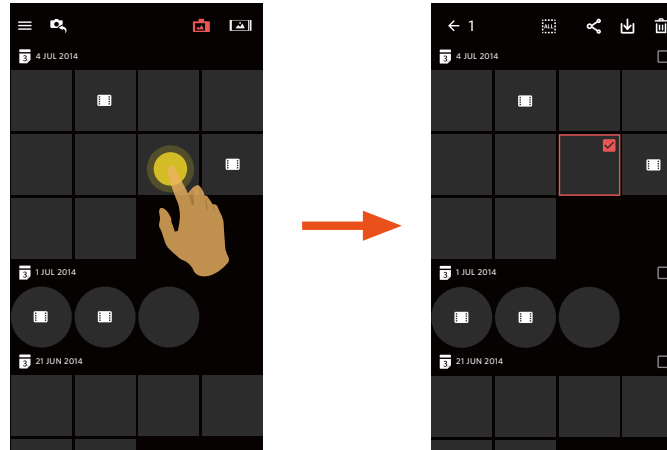
Rotate the photo by 90° (Only in front photo Mode).

Tapping ↺ the photo will rotate 90° counter-clockwise each time this icon is pressed.

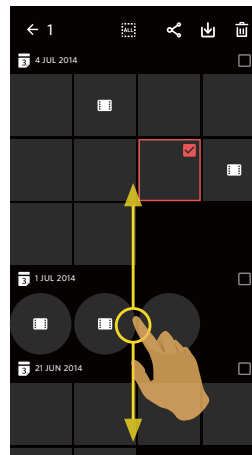


Select One or More File(s) (Camera and Smart Device Index Playback Mode)

1. Hold down a file thumbnail to enter into the Multiple Selection Screen.

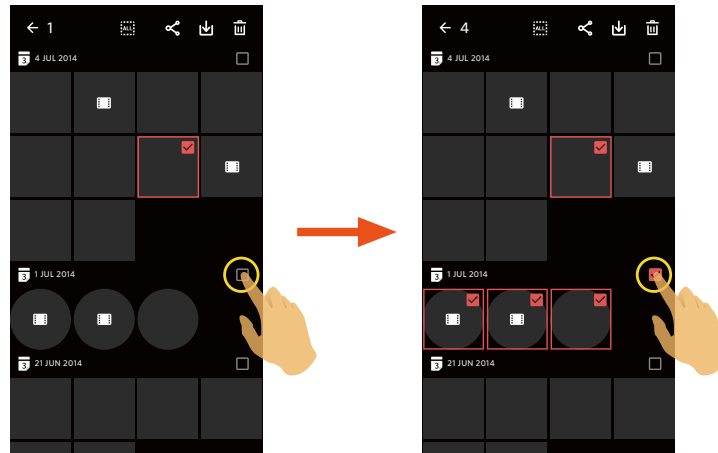


2. View fore and aft files by sliding your finger up and down on the screen.

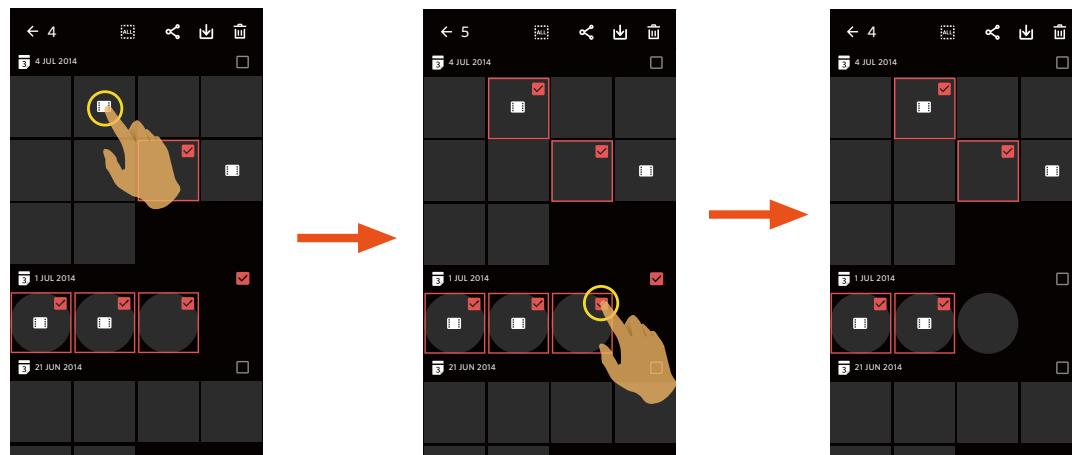




3. Select one or more file(s).

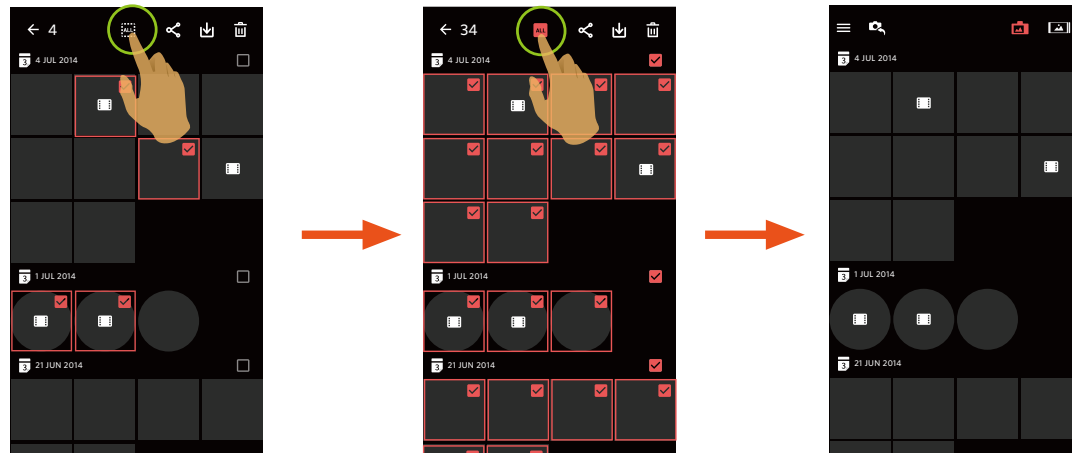
3.1. Tap ☐ after date folder (**3**) to select all files under the date folder;



3.2. Tap a file thumbnail to select a single file (tap again to cancel the selection);






3.3. Tap  to select all files; tap  to cancel the selections and return to the Index Playback Interface.

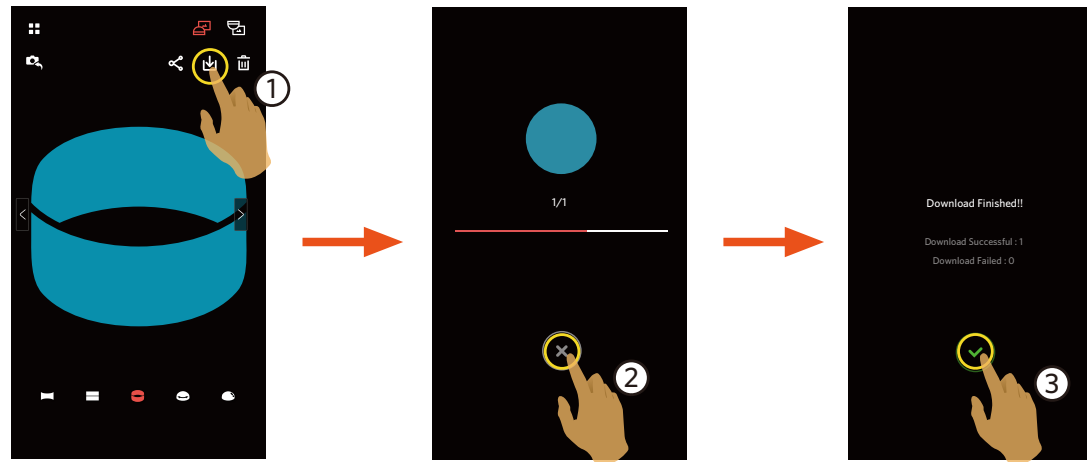


Download (Camera Single Playback and Index Playback Mode)




Download the photos or video in the camera to your Smart Device.

Camera Single Playback Mode:

1. Select the file you want to download and tap  to start downloading.
2. Tap  in the downloading process and select "YES" in the pop-up interface to cancel downloading.
3. After downloading is complete, tap  to return to the Playback Interface Screen.





Camera Index Playback Mode:

1. Select one or more file(s) you want to download and tap  to start downloading.
2. Tap  in the downloading process and select "YES" in the pop-up interface to cancel downloading.
3. After downloading is complete, tap  to return to the Playback Interface Screen.

Share

Sharing photos or videos to social network sites.

Camera Single Playback and Index Playback Mode:

1. Select one or more file(s) you want to share, and tap  to start downloading.
2. Tap  in the downloading process and select "YES" in the pop-up interface to cancel downloading.
3. After the download is completed, the photos or videos on your Smart Device can be shared.

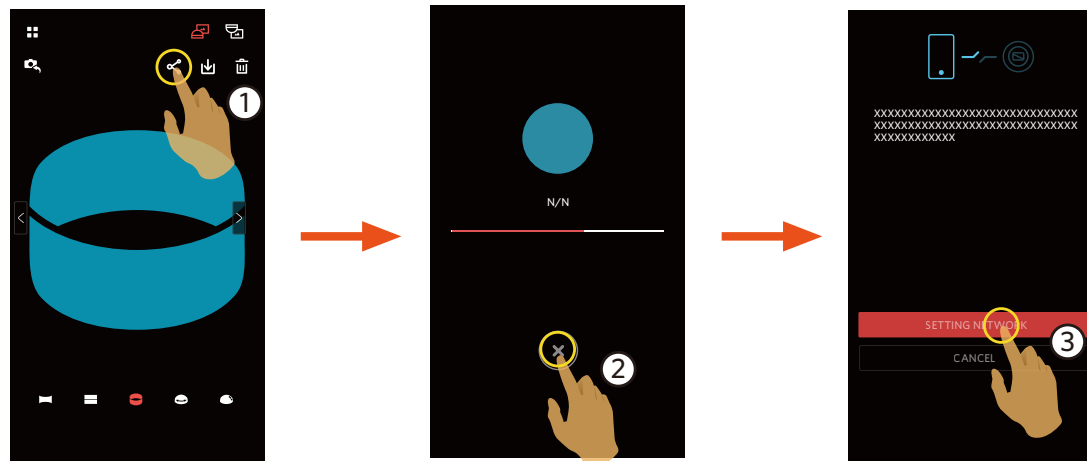
- When the mobile data network is open: Select the social network site to share.

- Mobile data network not open:

iOS System

Please share according to the interface prompt.

Android System



[SETTING NETWORK] : Open mobile data network or Wi-Fi for internet access.

[CANCEL] : Cancel sharing.



After the “SETTING NETWORK” is selected and the network is switched, the interface has 3 options:

“SETTING NETWORK”: Change the network settings.

“SHARE”: Select the social network site to share.

“CANCEL”: Cancel sharing.



When the network is changed, the App will close automatically.


Smart device single playback and index playback mode:

Please share according to the operating methods for sharing in single playback and index playback mode of the camera.


Delete

Delete the selected photos or videos.

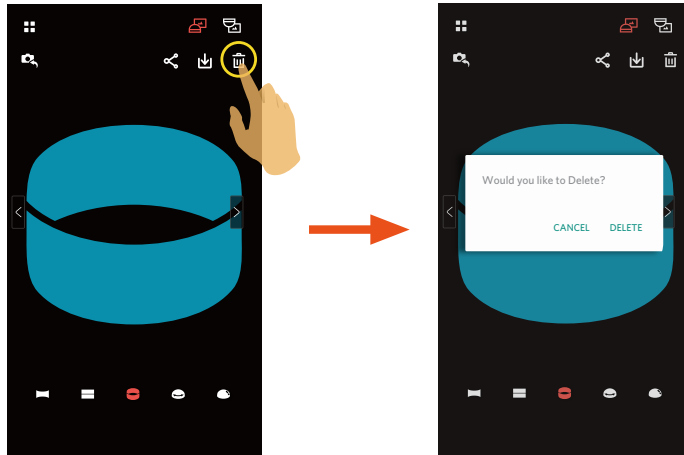
Index Playback Mode:

1. Select one or more file(s) you want to download and tap .
2. Select “DELETE” to confirm the deletion in the pop-up prompt screen.

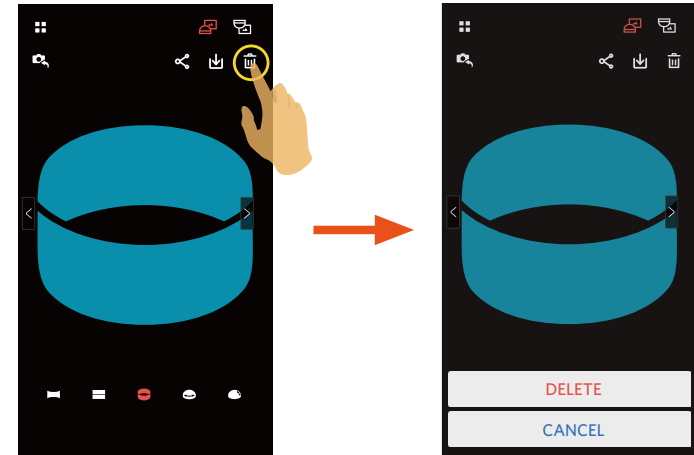
Single Playback Mode:

1. Select the file you want to delete and tap .
2. Select "DELETE" to confirm the deletion in the pop-up prompt screen.

Android System







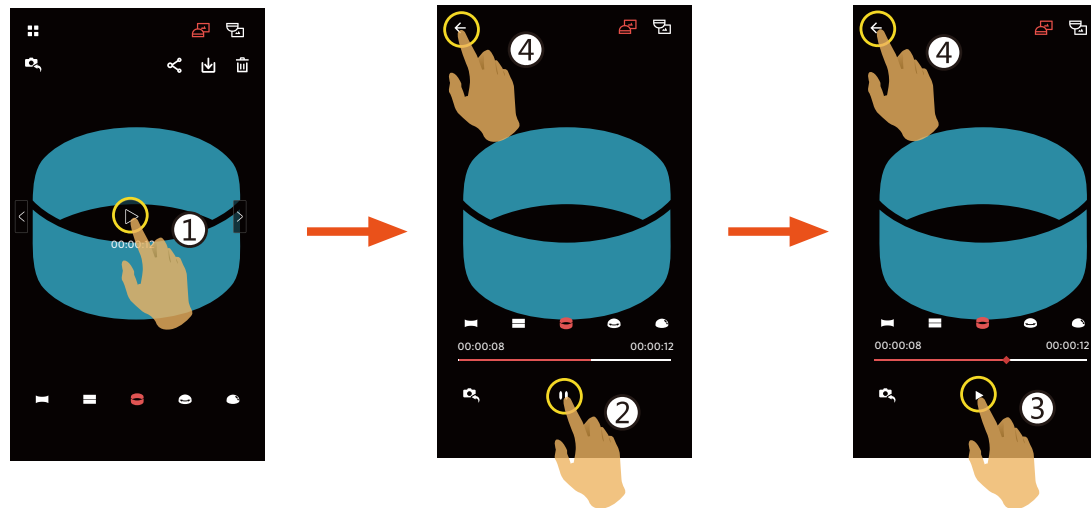
iOS System



Playing Videos (Camera and Smart Device Single Playback Mode)

Slow wireless transmission may impact seamless viewing. We suggest downloading the file to your Smart Device before viewing.

1. Tap  to play the video.
2. Tap  to pause the video.
3. Tap  to continue the video.
4. Tap  to return to the previous interface.



If the Smart Device does not support the video resolution of 1440 x 1440(30fps), the screen will be black while playing the video. Please use the SP360 (PC version).

Menu ≡ (Camera and Smart Device Index Playback Mode)

1. Tap ≡ or slide from the left to the right of the screen to display the Menu.
2. Tap your desired setup item.
3. Tap the option to return to the Menu.
4. Tap ← to return to playback interface.

Download Size

Set the download size.

There are 2 options :

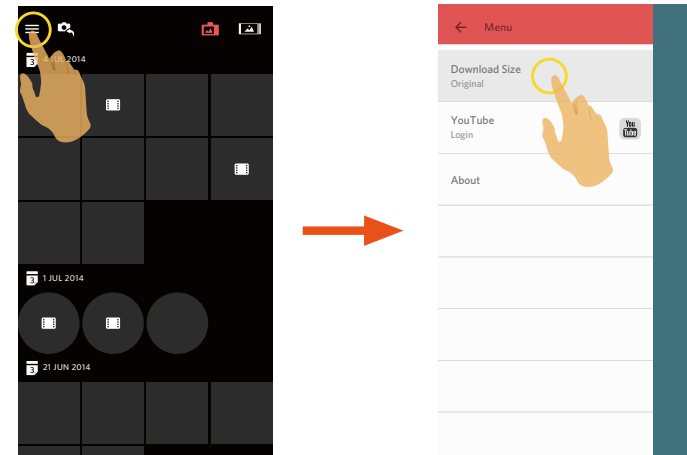
- Original
- 2M / VGA (Image Size is 2M / Movie Size is VGA)

YouTube

This option is only available on iOS systems.

About

See Page 20 for explanations.





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