User Manual

PIXPRO SP360

(Smart Device Version)

for

KODAK PIXPRO SP360 Action Cam

Ver. 7.0

Before You Start

Declaration of Conformity

Responsible Party: JK Imaging Ltd.

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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 5.0 or higher. iPad mini 1 / iPad 4 / iPhone 5c 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) as indicated on the label inside the battery compartment of the camera. In the main interface, press the MODE button to switch to Wi-Fi® mode and this camera's eight-digit random Wi-Fi® password will be displayed on the LCD screen.

If "----------" is displayed on the LCD screen, it indicates that this Wi-Fi® password included with letters, it should be resetted. You can regenerat a new eight-digit random password through the reset function of the camera. For more details, please refer to the user manual of the camera.

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.

2 NFC® Connection (Android System)

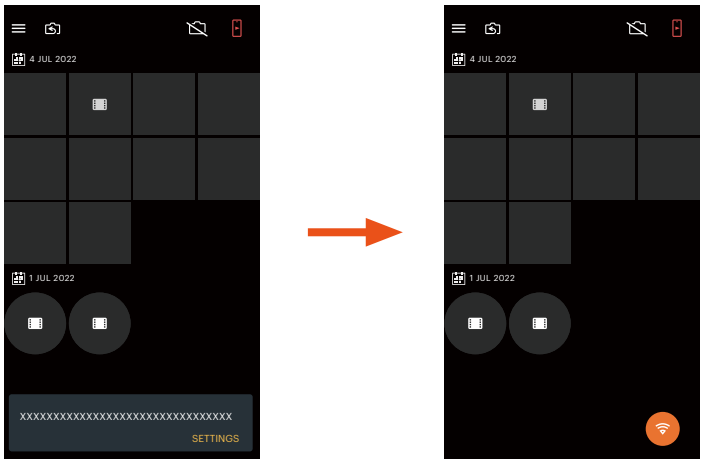
1. Enable NFC® mode on your Smart Device.
2. Use your Smart Device to lightly touch the NFC® mark on the camera; if the smart device has a prompt tone or vibration, it means the connection is successful.
3. The APP should automatically open on your Smart Device.

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.

Wi-Fi® connections with NFC® are not supported for smart devices with Android 10 and above.

For smart devices with Android system, when the camera does not need to be connected or cannot be connected, enter the smart device playback mode screen.



1) Touch [SETTINGS] or the icon to enter the Wi-Fi® setting screen, turn on Wi-Fi® and reconnect to the camera.

2) Tap the icon on the screen of your Smart Device to perform related operations under the Playback Mode of the Smart Device.

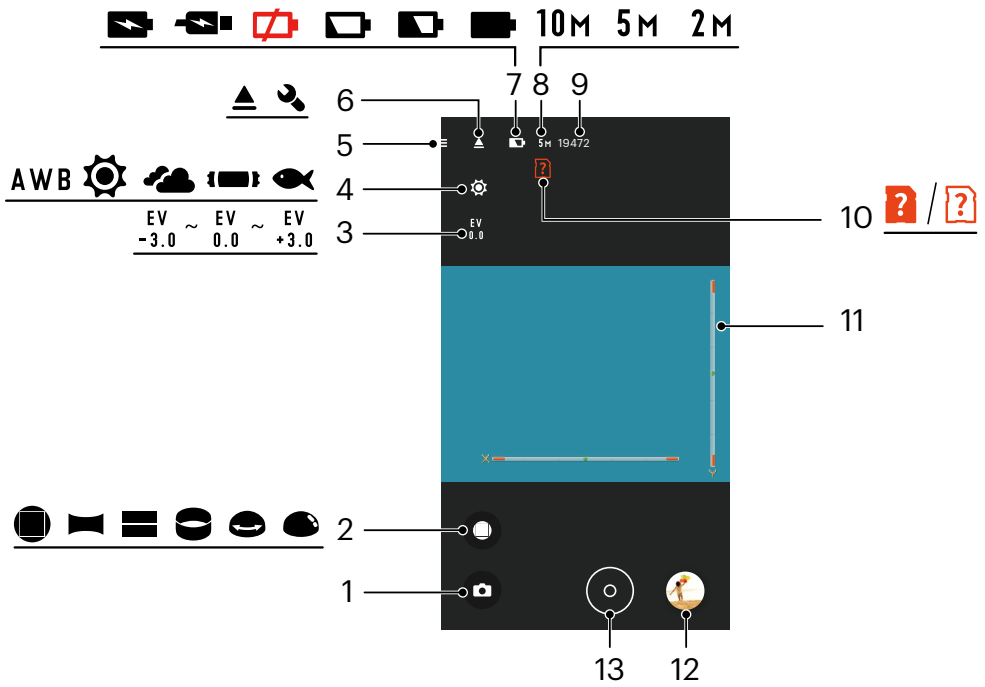
Operation Methods

Remote Viewfinder

When connected successfully, the App will enter the viewfinder interface. Camera functions can be accessed from this screen.

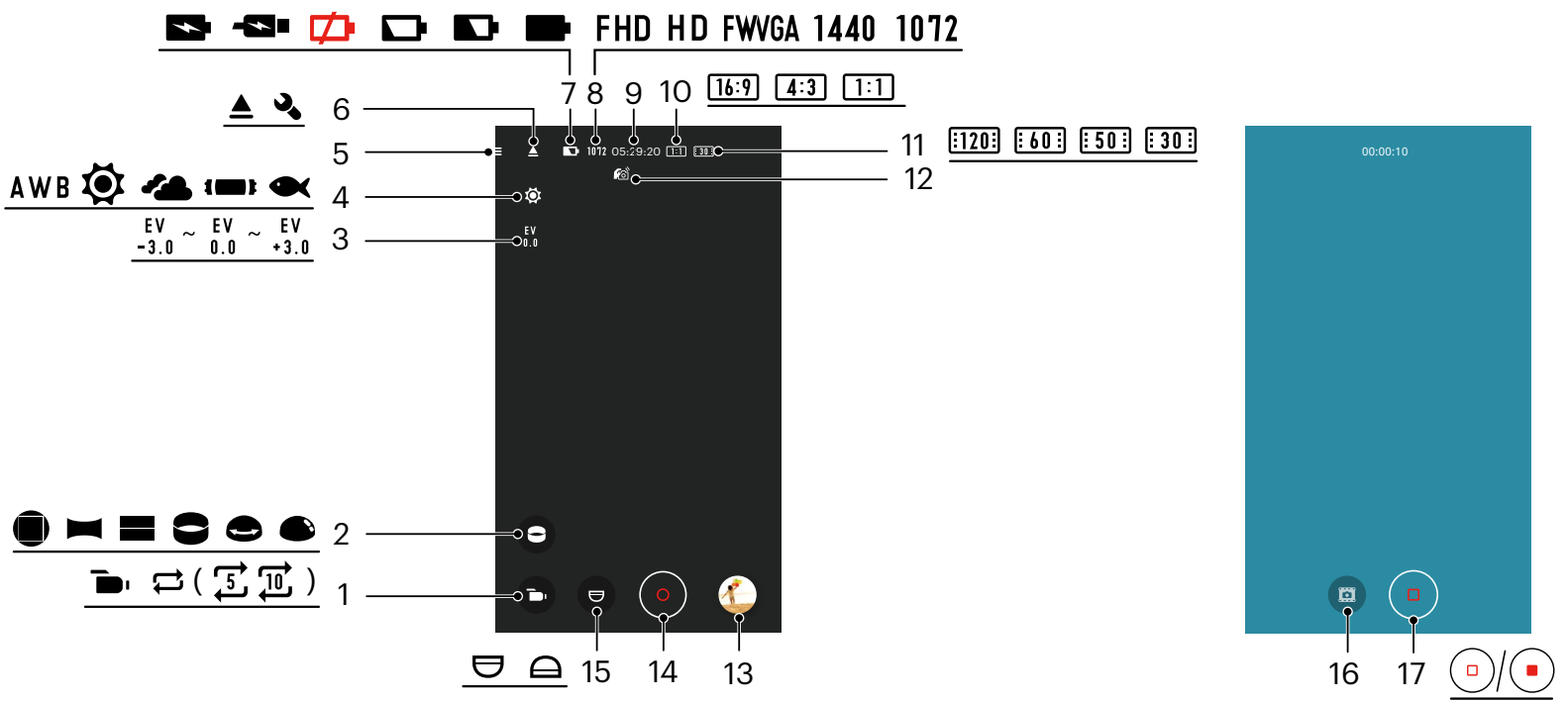
1 Remote Viewfinder Interface

Shooting Interface



1	Shooting Mode	5	Menu	9	Number of Photos that Can be Taken	11	Level Sensor
2	Unfold Mode	6	* Hide/show icons			12	Quick Review
3	EV Value	7	Battery State	10	No Memory Card in the Camera	13	Shutter
4	White Balance	8	Image Size				

Movie Interface



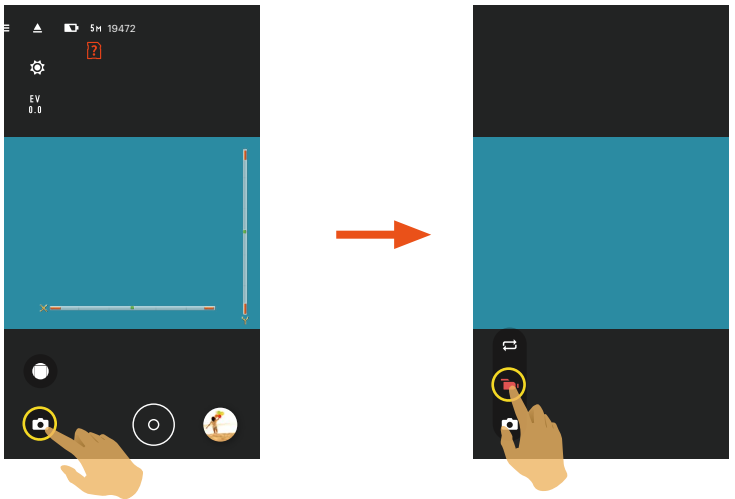
1	Movie Mode	6	* Hide/show icons	11	Frame Rate	16	Capture current image
2	Unfold Mode	7	Battery State	12	EIS	17	Stop Video Recording
3	EV Value	8	Movie Size	13	Quick Review		
4	White Balance	9	Recordable Video Time	14	Start Video Recording		
5	Menu	10	Pixel Ratio	15	View Mode		

* On the Remote Viewfinder interface, tap ▲ to hide the icon of EV value and White balance; tap 🔧 to restore display.

>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

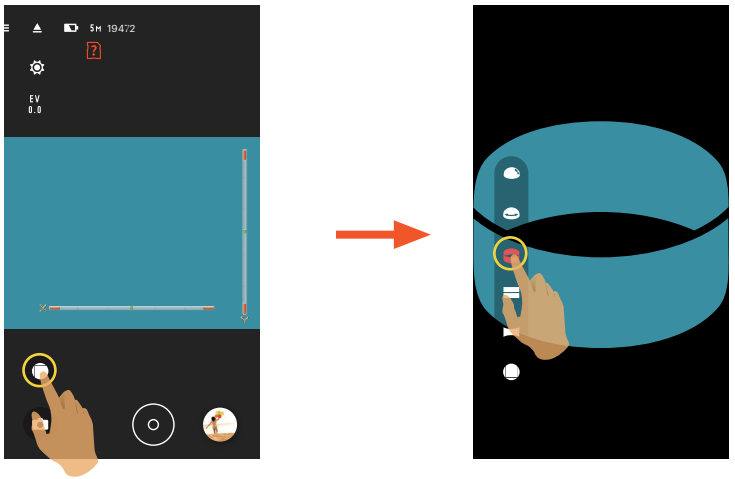
Enables video recording.

Auto Mode

Enables photo shooting.

Unfold Mode

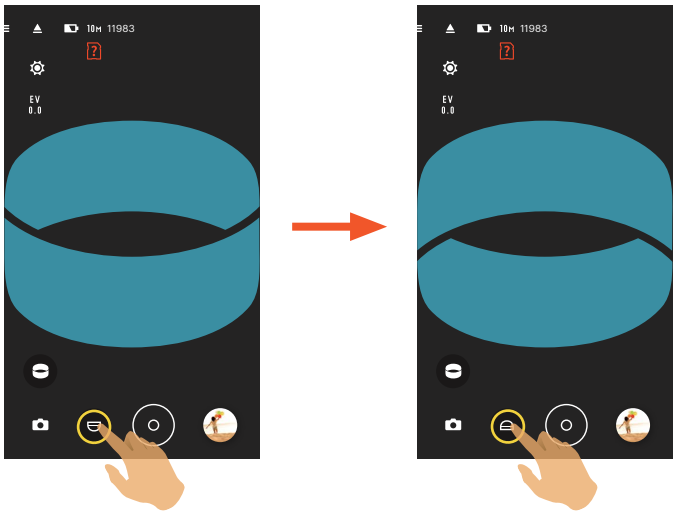
Select from several different viewing effects.



Type	Icon	Mode	Operating methods (moving via sliding the finger around)
Square		Front	-
Spherical		Panorama	Move to the left/right
		Seg	Move up/down, 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.



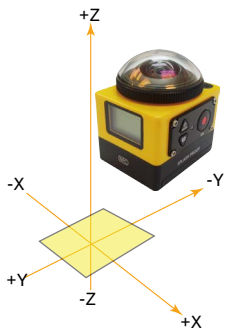
Icon	Mode	Description
	Up	Means the image will be displayed upright when the lens is facing upward.
	Down	Means the image will be displayed upright when the lens is facing downward.

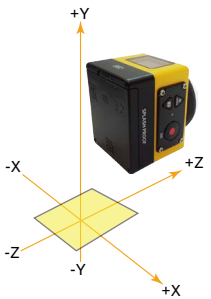
In the Front mode, this function is not displayed.

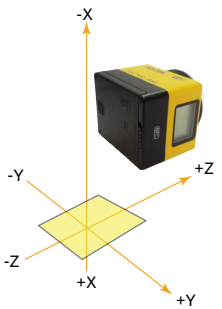
Level Sensor

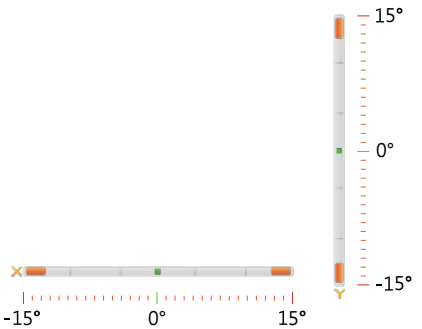
Detect the horizontality of the camera.

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.





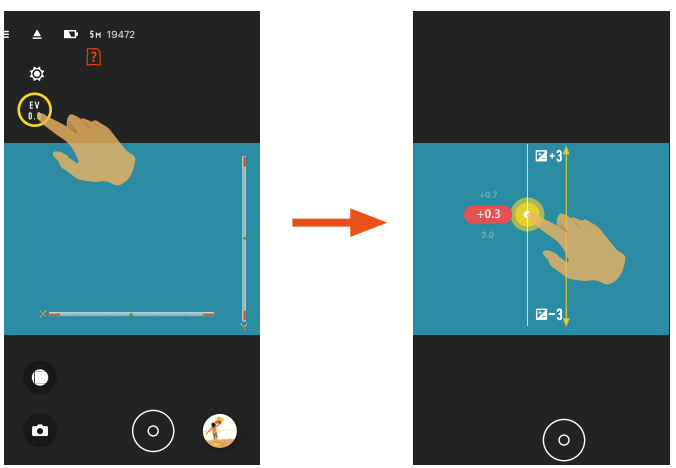




EV Settings

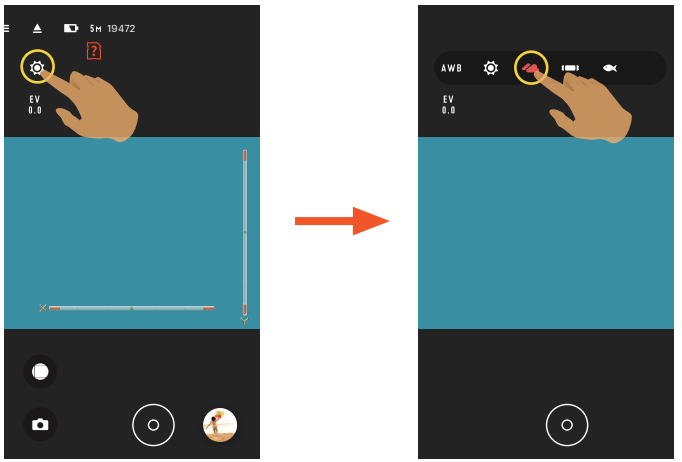
Adjust the brightness of the framing interface. This setting can be applied where the contrast of the subject shot and background brightness are vastly different.

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.

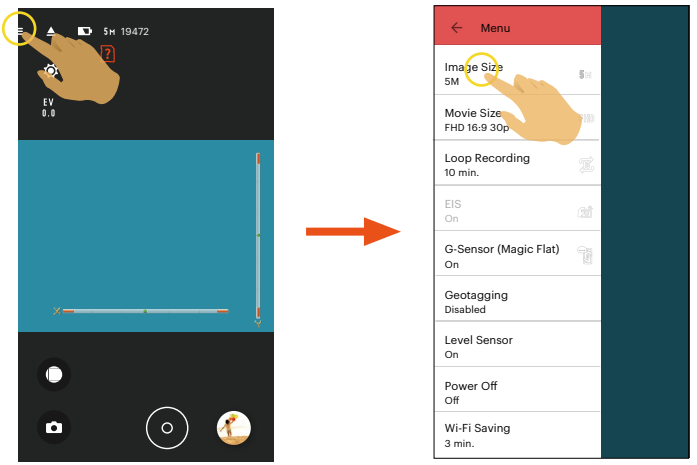


Image Size

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.

G-Sensor (Magic Flat)

By detecting the inclination of the smart device you can move the point of view under Magic Flat Mode ( ).

There are 2 options:

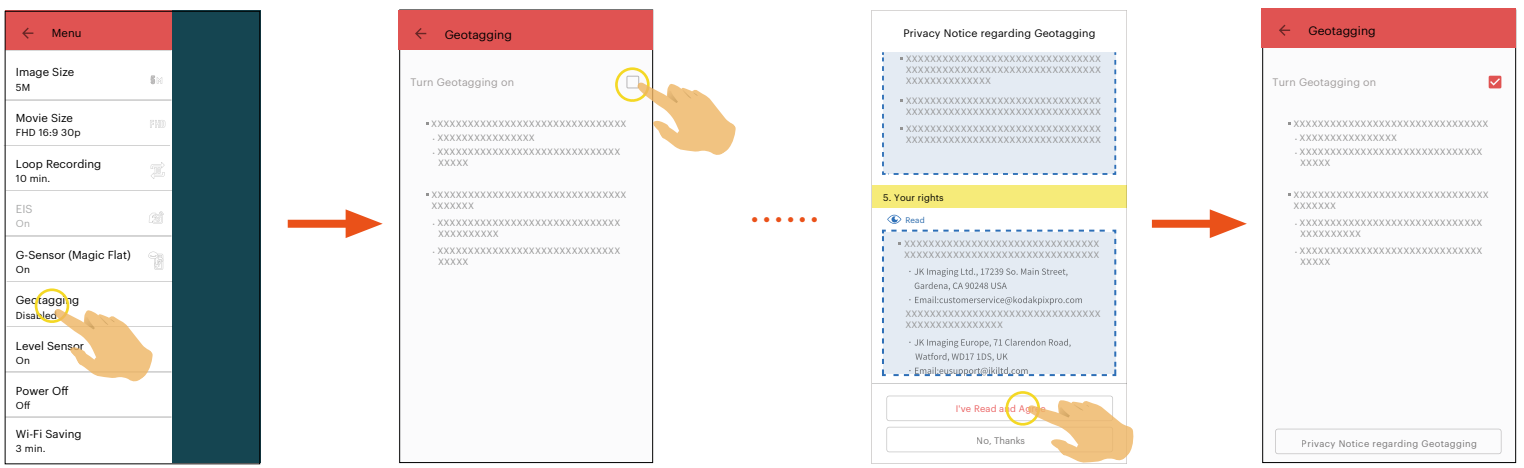
- On ( )
- Off

Geotagging

This feature is not available for video files. Activate it on and turn the GPS feature of your smart device on to record your location on the taken photos.

This feature defaults to "Disabled", which can be activated by the following steps:

1) In the Menu screen, tap the “Geotagging” option, check the “Turn Geotagging on” box and enter to the “Privacy Notice regarding Geotagging” interface.
2) Swipe multiple times and read the interface text, then tap “I’ve Read and Agree” to open the Geotagging function.



3) Tap the icon ← to return to the shooting screen.

Level Sensor

Set the level sensor.

There are 2 options:

- On
- Off

This feature is only actived 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:

- 3 min.
- 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.

The Wi-Fi® password is not changed even if you reset the settings with APP.

Change Password

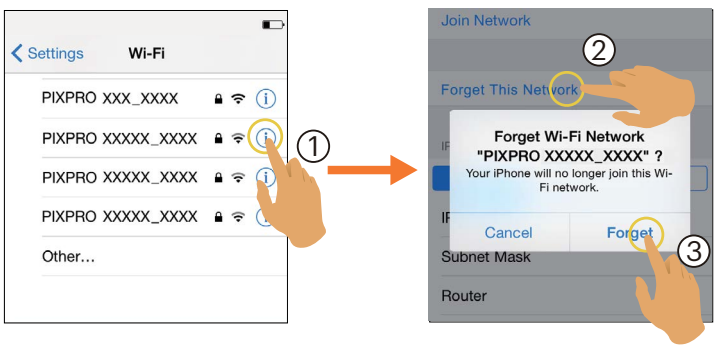
To change the Wi-Fi® connection password.

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

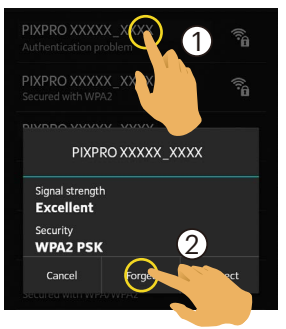
If you forget the Wi-Fi® connection password, you can use the reset function on the camera to reset a new random digital password. Please refer to the camera manual for details on resetting.

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).

Mode / Menu Items						
		/ / / /		/ / / /		/ / / /
EV Value	O	O	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	X
G-Sensor (Magic Flat)	X	O ( )	X	O ( )	X	O ( )
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

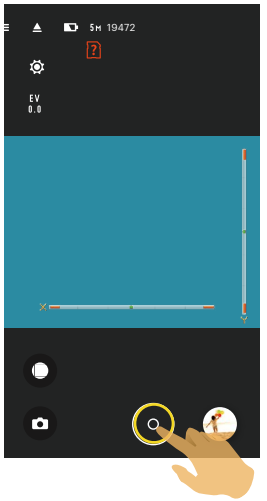
3 Shooting Methods

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

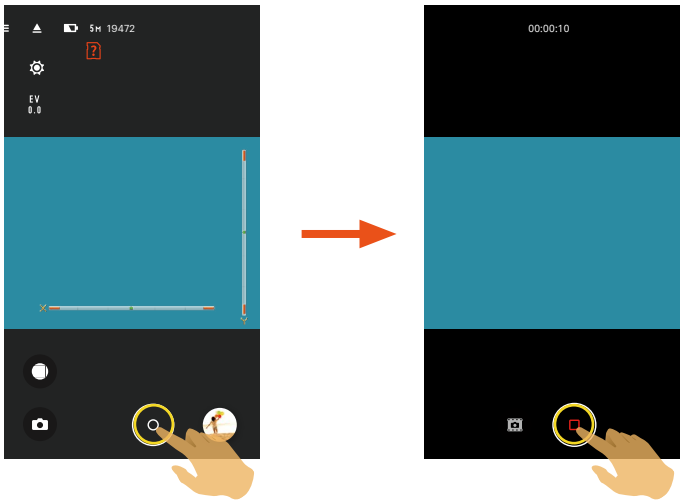
1. Align the camera lens with the shooting subject and confirm viewing through the screen of your Smart Device.
2. Tap the icons on the Interface to set the corresponding parameters.
3. Tap to take a still photo.



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.

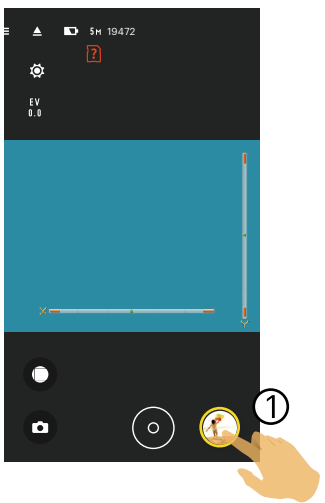
Playback

There are two playback modes: •. Single Playback (movie / photo);
•. Index Playback (camera/smart device).

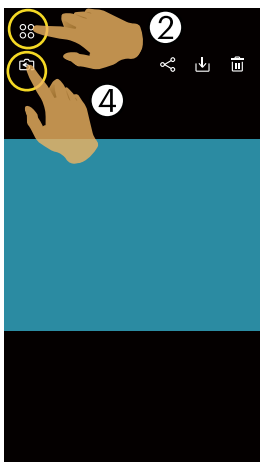
1 Switching of the Remote Viewfinder Mode and the Playback Mode

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.

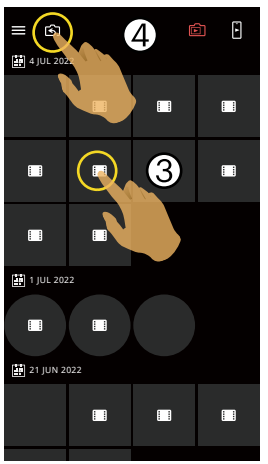
Remote Viewfinder Interface



Single playback Interface

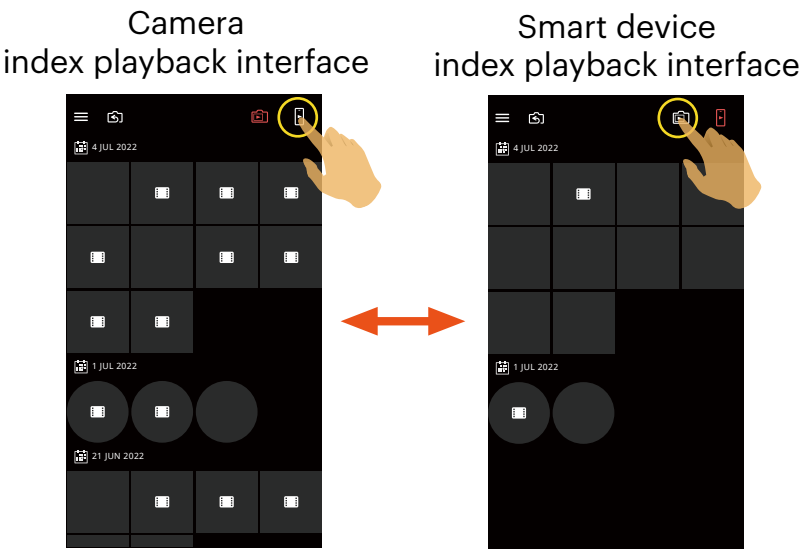


Index playback Interface



>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.

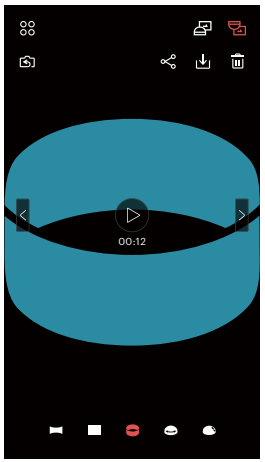
3 Introduction of Icons in the Playback Mode

Single Playback

Camera

Photo Playback Interface

Video Playback Interface



Smart Device

Photo Playback Interface

Video Playback Interface

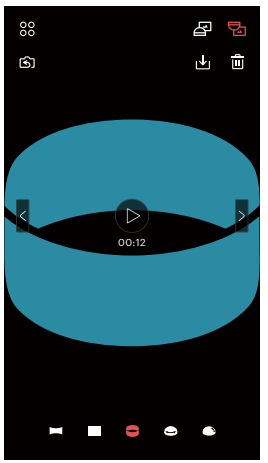
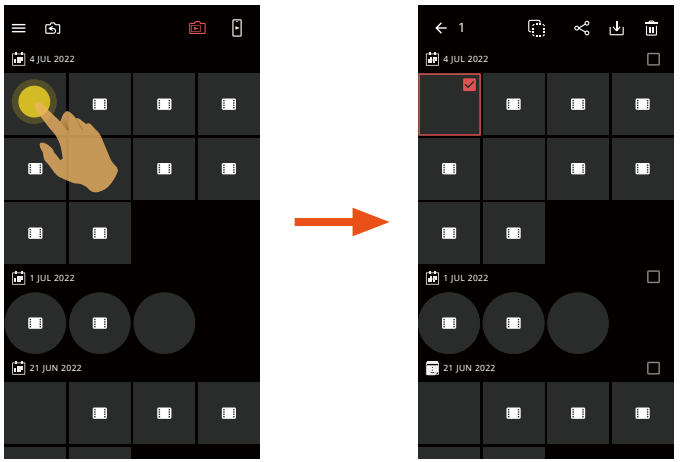


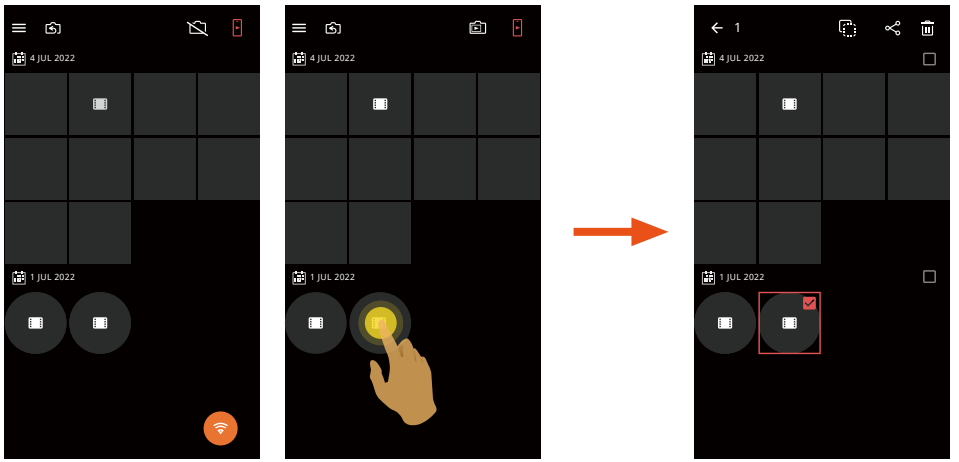
Photo or video	Enter Index Playback screen	Enter photo or movie mode
	Share the current photo or video to social networks	Download the current photo or video to the Smart Device
	Delete the current photo or video	Rotate the photo
	Play the video	
Spherical photo or video	Switching to the previous photo 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
	Date folder		Camera is not connected

When the camera is not connected, tap the icon to set up Wi-Fi® and connect to the camera.

4 Description of the Functions in Playback Mode

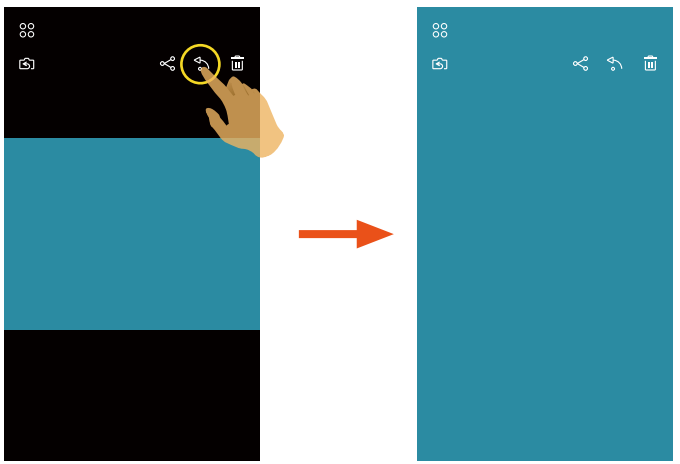
Gestures in Playback Mode

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)

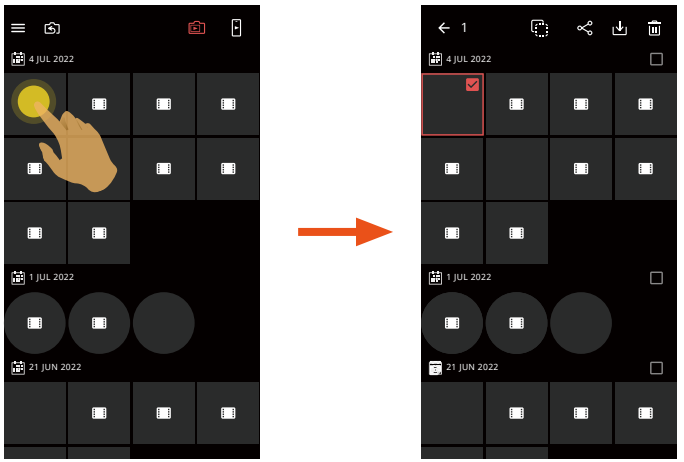
Rotate the photo by 90° (Only in front photo Mode).

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

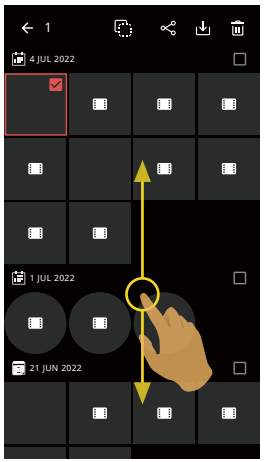


Select One or More File(s) (Camera and Smart Device Index Playback Mode)

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

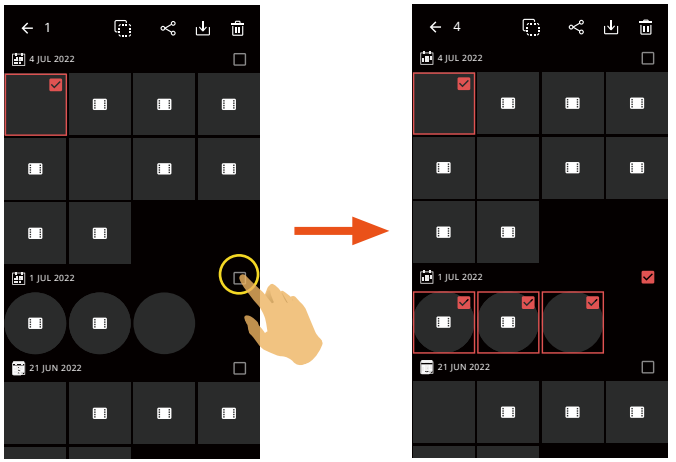


2. View fore and aft files by sliding your finger up and down on the screen.

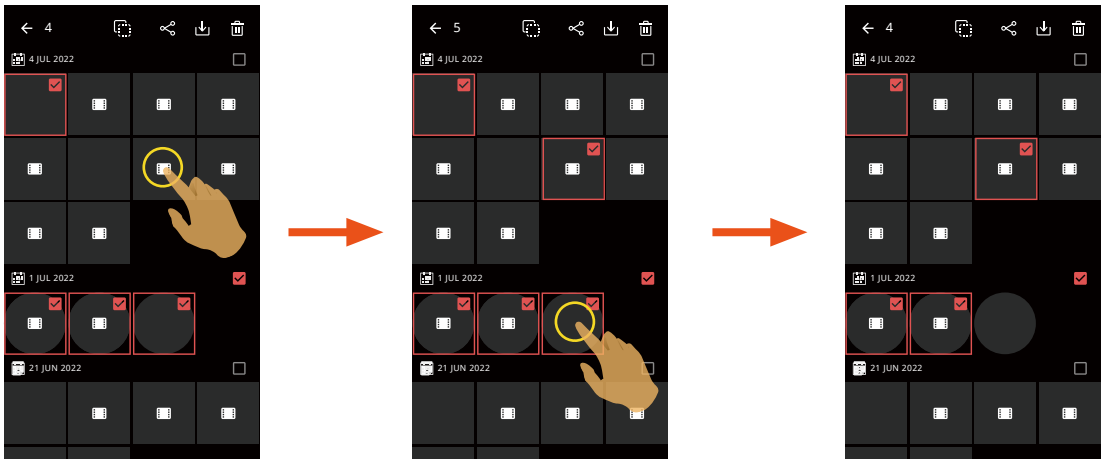


3. Select one or more file(s).

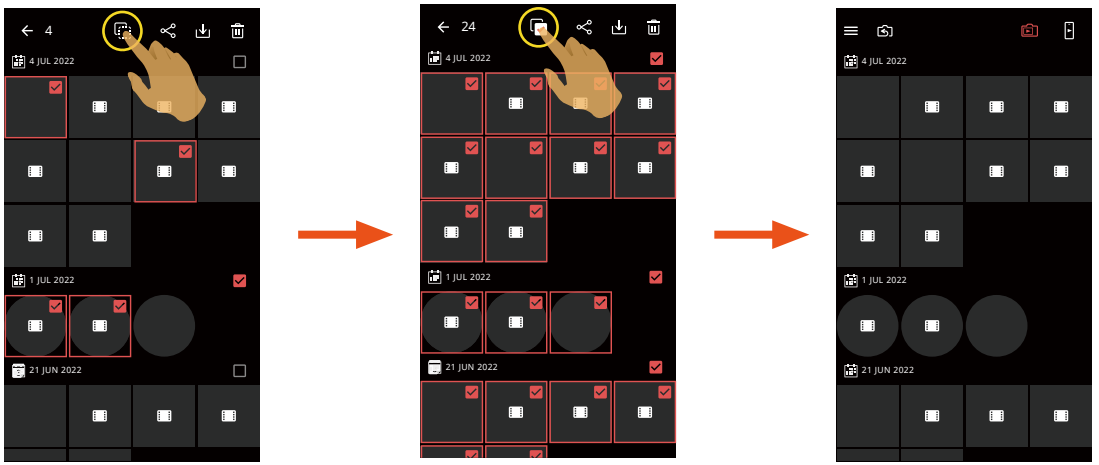
3.1. Tap ☐ after date folder (📅) to select all files under the date folder;



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.

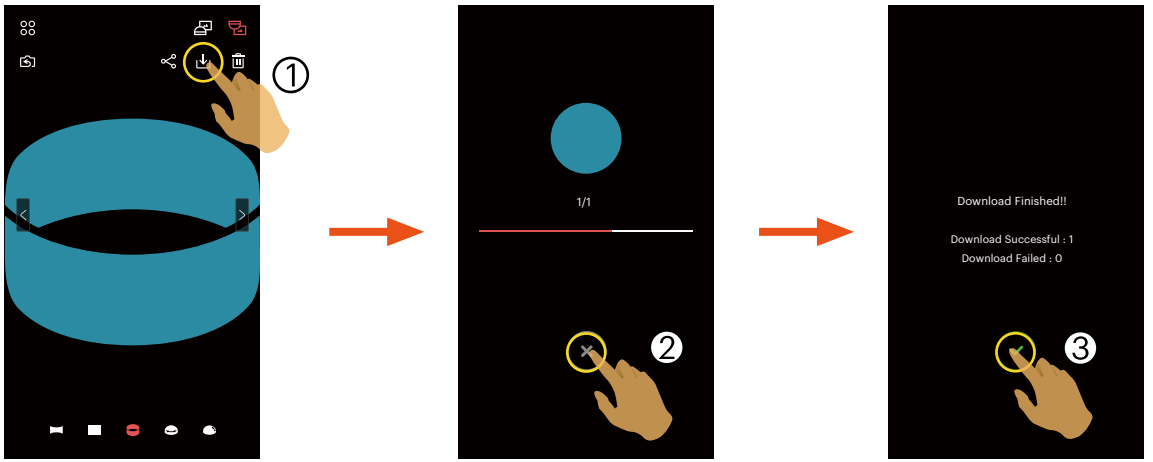


Download (Camera Single Playback and Index Playback Mode)

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.

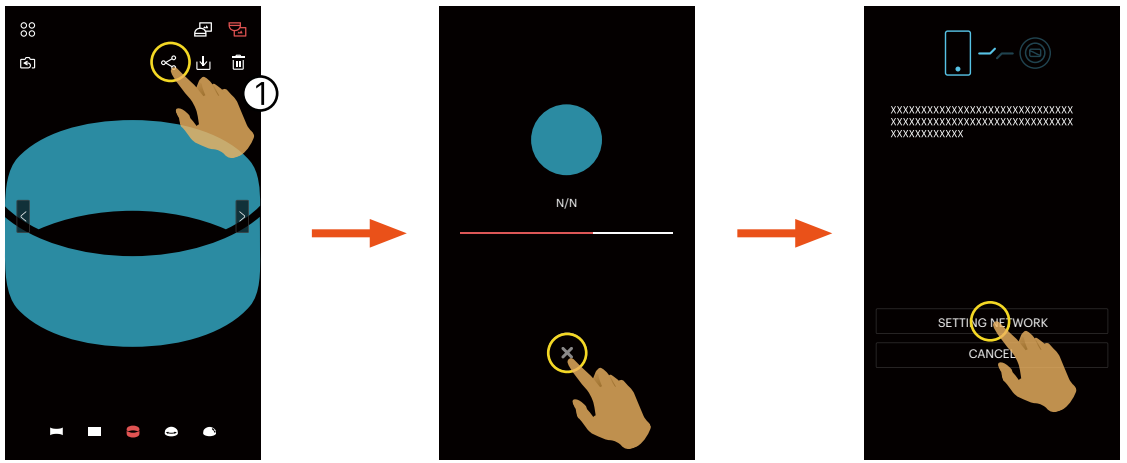
Share

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.

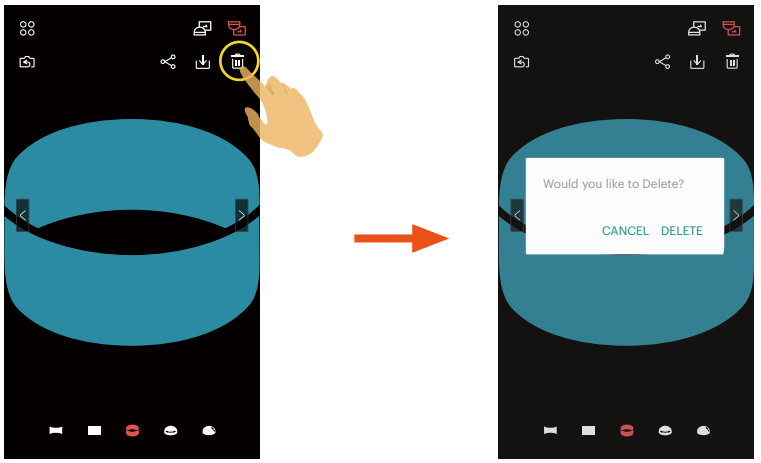
Index Playback Mode:

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.

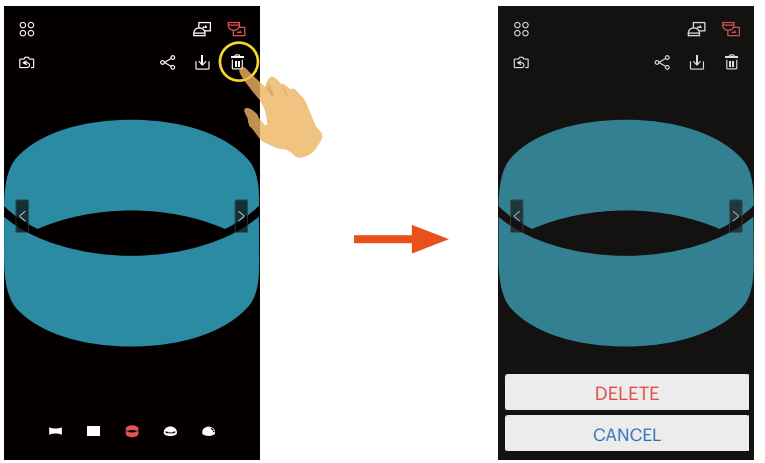
Single Playback Mode:

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



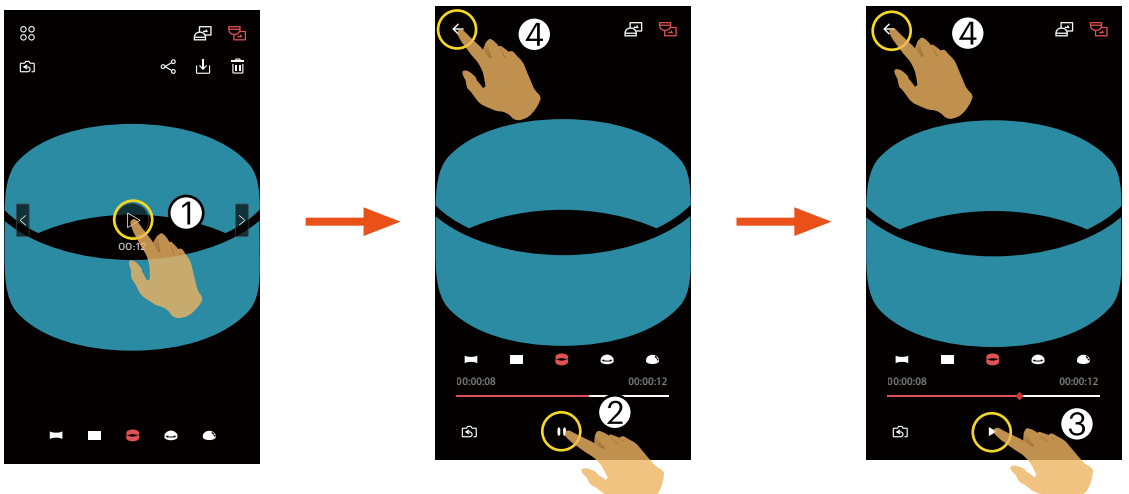
iOS System



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.

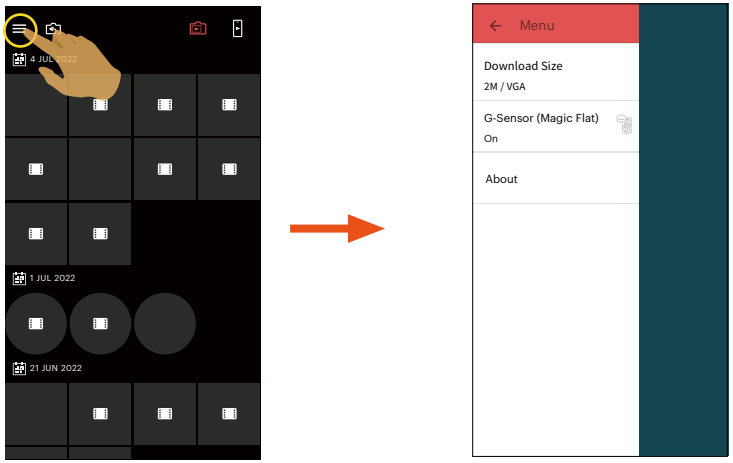
1. Tap to play the video.
2. Tap to pause the video.
3. Tap to continue the video.
4. Tap to return to the previous interface.



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)

G-Sensor (Magic Flat)

See Page 17 for explanations.

About

See Page 21 for explanations.

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