



# User Manual

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PIXPRO SP360 4K

( PC Version )

For

KODAK PIXPRO SP360 4K Action Cam

# Before You Start

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## Declaration of Conformity


Responsible Party: JK Imaging Ltd.

Address: JK Imaging Ltd., 17239 So. Main Street, Gardena, CA 90248 USA

JK Imaging Europe, 71 Clarendon Road, Watford, WD17 1DS, UK

Company Website: <http://kodakpixpro.com>

## 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 provides you with information on how to use the PIXPRO SP360 4K application (PC version). JK Imaging Ltd. has tried its utmost to ensure the correctness of the user manual contents, but reserves the right to modify as necessary.
- Throughout this manual,  indicates useful information.

## Matters needing attention

- Your computer operating system version needs to be Mac OS X 10.9 or higher, or Windows 7 or higher.
- Please do not use in places having high intensity magnetic field, electrostatic and electric wave interference (for example near a microwave oven), which may cause failure in receiving signals.
- Please do not use Wi-Fi connection functionality on a plane.
- When using the Wi-Fi connection, camera and the PC can only be connected one to one, please keep the camera within 10 meters (32.8 feet) without signal shielding interference.
- If you are unable to enter Remote Viewer after opening the App, please check the Windows firewall settings. Make sure that the "PIXPRO SP360 4K PC Software" has been allowed to pass through the firewall.
- We will update the App from time to time. Some new features require you to synchronously update the firmware version of the camera, in order to ensure the stability of the system. Please note for the prompt on the App.

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# Connecting the Camera with the computer

## > Download and Install App

Download Application "PIXPRO SP360 4K" (for PC) installation package  /  from the official website, and install it on your computer by following the prompts on the interface.

### Americas



<http://kodakpixpro.com/Americas/support/downloads.php>

### Europe







<http://kodakpixpro.com/Europe/support/downloads.php>


After successful installation, this icon  /  will appear on the desktop.


## > Establish a Connection

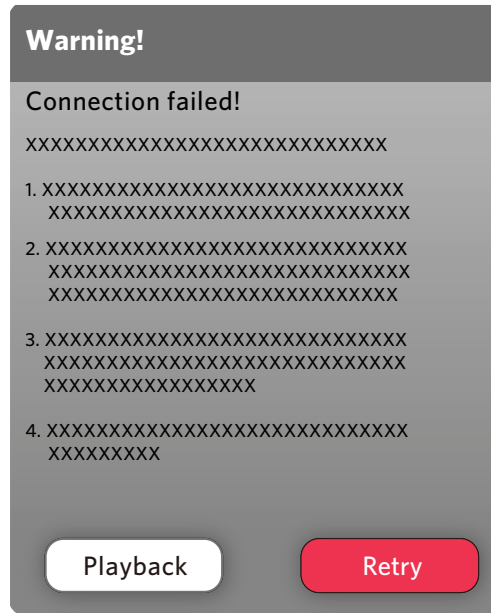
### >1 Wi-Fi Connections (supports remote Viewfinder, Playback & Download)


1. Camera: Check SSID (PIXPRO-SP360-4K\_XXXX) and password (initial password: 12345678) indicated on the label in the battery compartment of the camera. In the main interface, press the  button to switch to Wi-Fi mode.
2. PC: Enable Wi-Fi mode, it will automatically search the nearby Wi-Fi hotspots. Select the camera's SSID (PIXPRO-SP360-4K\_XXXX) and input the password. When connected via Wi-Fi, you can double-click the App icon  /  on the desktop of the computer to start it.

 When the Wi-Fi connection password is altered by smart device, the connected password in the computer will change synchronously.



 If you forget the Wi-Fi connection password, you can use the reset function on the camera to reset it (initial password: 12345678).

 If connection fails, click "Retry" to try to reconnect.



 If the connection between the camera and computer is not required or unavailable, "Playback" is clicked to enter the menu "Playback & Edit" and perform relevant operations on the video files in the computer.

## >2 USB connection (Playback & Edit)

1. Use the Micro USB cable to connect a computer (the computer should be on) to the camera. During the connection, the camera will display "Connecting ...", and the computer will automatically detect the camera's signal.
2. You can double-click the App icon  /  on the desktop of the computer to start using the App.



# Operation Methods

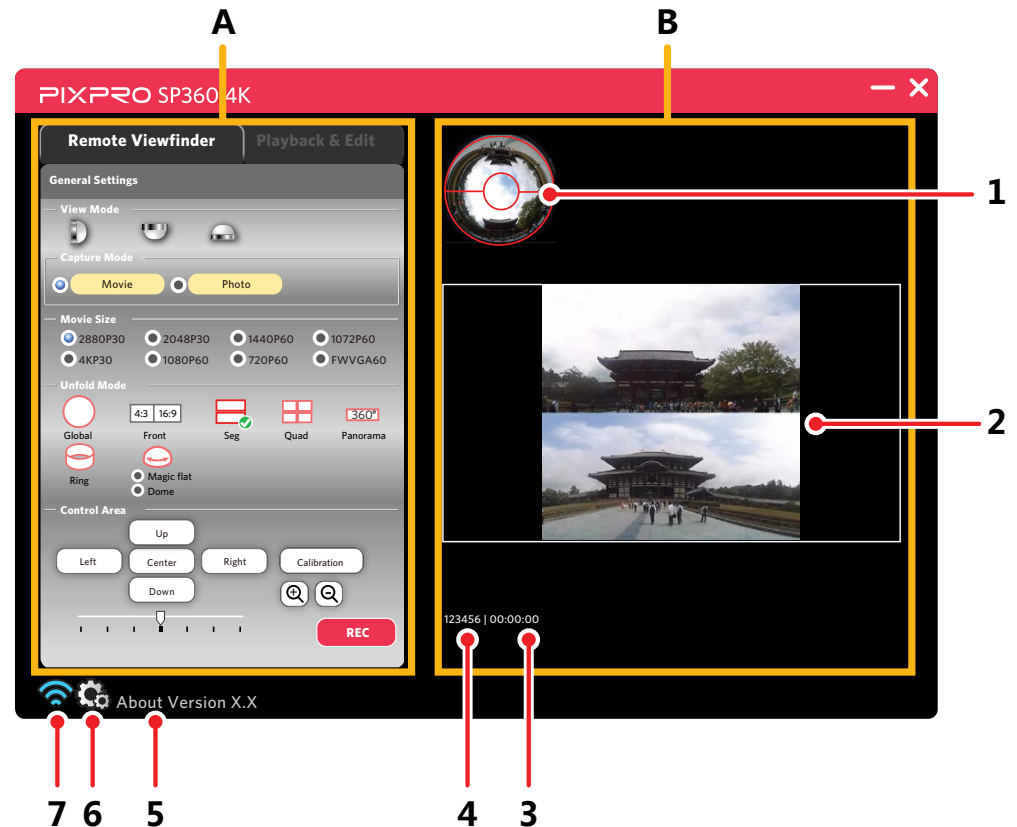
## > Remote Viewfinder

Once connected via Wi-Fi, this interface can be used to capture photos and video.


### >1 Remote Viewfinder Interface

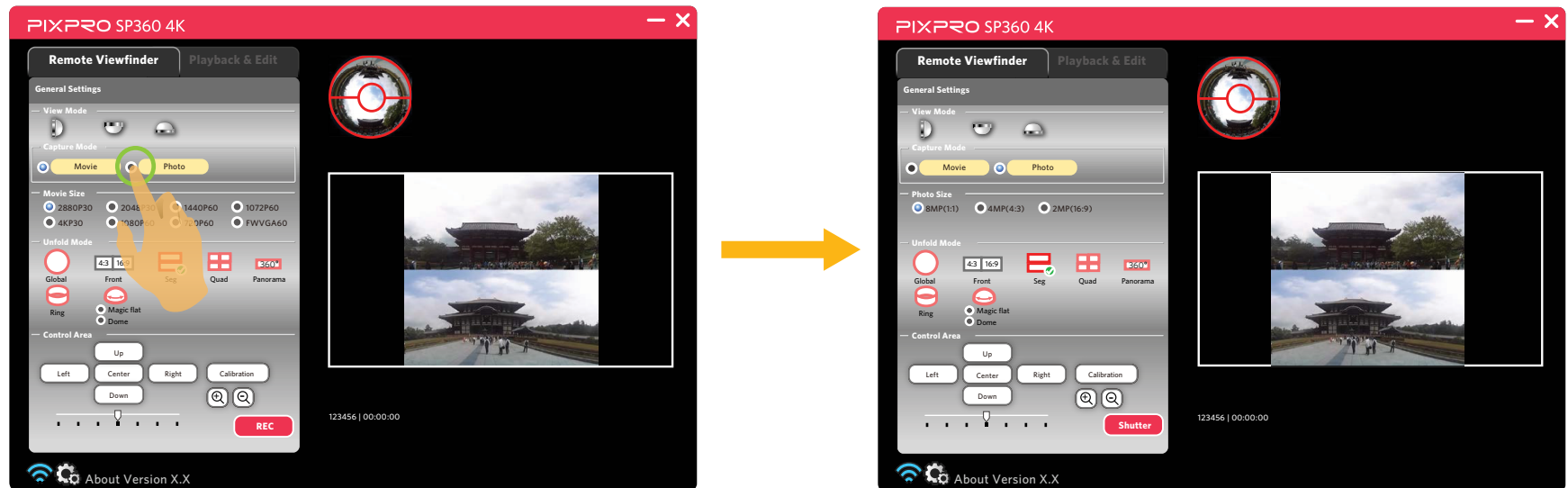
- A. Setup area
- B. Display area
- 1. Original image file
- 2. Unfold image
  - Press and hold the left mouse button to drag the image. Roll the wheel to forward and backward for zooming the image.
  - If you are using a touch-screen computer, you can use your finger to drag the image or two fingers for zooming the image.
- 3. Recordable video time
- 4. Number of photos that can be taken
- 5. Current Version
- 6. SNS account setup
- 7. Wi-Fi connectivity status

-  Wi-Fi connection is successful.
-  Wi-Fi connection is failed.






## >2 Remote Viewfinder menu settings

The menu is set by clicking the option icon or  on the left of the option.



### 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. There are 3 options:

-  Means the image will be displayed upright when the lens is facing forward.
-  Means the image will be displayed upright when the lens is facing downward.
-  Means the image will be displayed upright when the lens is facing upward.



## **Capture Mode**

There are 2 options:

- **Movie**      Enter video mode.
- **Photo**      Enter shooting mode.

## **Movie Size**

Set the video resolution.

There are 8 options:

- **2880P30**      2880x2880 1:1 30p
- **2048P30**      2048x2048 1:1 30p
- **1440P60**      1440x1440 1:1 60p
- **1072P60**      1072x1072 1:1 60p
- **4KP30**              3840x2160 16:9 30p
- **1080P60**          1920x1080 16:9 60p
- **720P60**             1280x720 16:9 60p
- **FWVGA60**         848x480 16:9 60p

## **Photo Size**

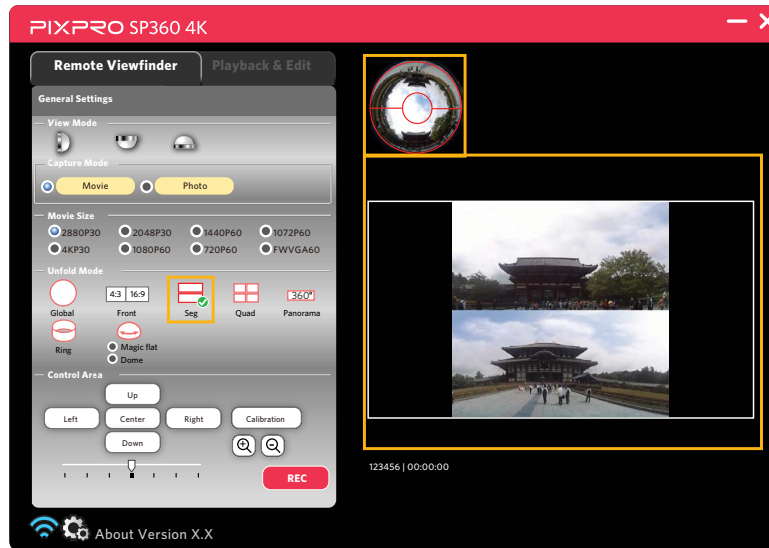
Set the photo resolution.

There are 3 options:


- **8MP(1:1)**      2880x2880
- **4MP(4:3)**      2304x1728
- **2MP(16:9)**      1920x1080

# Unfold Mode

Select from several different viewing effects.

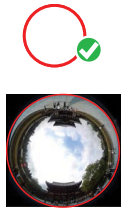


There are 8 options:









-  Global
-  Front
-  Seg
-  Quad
-  Panorama
-  Ring
-  Magic flat
-  Dome











The files shot in Front mode are saved as square files and cannot be expanded. The files shot in the other 7 modes are saved as spherical files with the following expanding effects:



Corresponding table for Movie size and Unfold mode: (O means "available", X means "not available")

Unfold mode \ Movie size								
	2880P30	O	X	O	O	O	O	O
2048P30	O	X	O	O	O	O	O	O
1440P60	O	X	O	O	O	O	O	O
1072P60	O	X	O	O	O	O	O	O
4KP30	X	O	X	X	X	X	X	X
1080P60	X	O	X	X	X	X	X	X
720P60	X	O	X	X	X	X	X	X
FWVGA60	X	O	X	X	X	X	X	X

Corresponding table for Photo size and Unfold mode: (O means "available", X means "not available")

Unfold mode \ Photo size									
		4 : 3	16 : 9						
8MP(1:1)	O	X	X	O	O	O	O	O	O
4MP(4:3)	X	O	X	X	X	X	X	X	X
2MP(16:9)	X	X	O	X	X	X	X	X	X

## Control Area

### Calibration

Fine-tune video image range (This function allows adjustment of the imaging area before shooting).

Follow these steps to fine tune the image area:

1. Click the "Calibration" button in the setup area and the red calibration line will appear in the display area.













2. You can use your mouse (or fingers) for adjustment:

- Use the left mouse button (or one finger) to drag the image for movement.
- Use the mouse wheel (or two fingers) to scale the image.

3. Click the "Calibration" button again, the setting will be saved and the calibration line will disappear.

## Up / Down / Left / Right / /

These buttons provide functions such as moving, flipping or zooming the image.

Buttons	Up / Down	Left / Right	 / 
Unfold Mode			
	No effect	Move counterclockwise / Move clockwise	No effect
		No effect	
	Move Up/ down	Move to the left/right	Zoom In/Out
		Move clockwise / Move counterclockwise	
	No effect	Move to the left/right	
	Flip Up/Down	Move counterclockwise / Move clockwise	
	Move Up/ down	Move clockwise / Move counterclockwise	
	Flip Up/Down	Move counterclockwise / Move clockwise	



The operations here all refer to operations before images are enlarged.



The functions of the four-way key on the computer keyboard play the same role as those of the Four-way key of the Control Area (Up / Down / Left / Right).

## Center

Bring the image back to the default values.


## Direction and Speed of Rotation

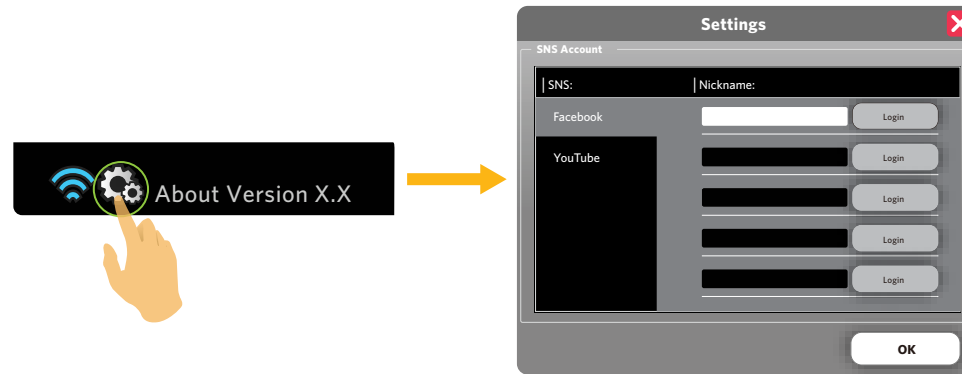
Drag the arrow to the left (or right) and the image will automatically rotate counterclockwise (or clockwise). The more to the left (or right) the arrow points, the faster the image will rotate.



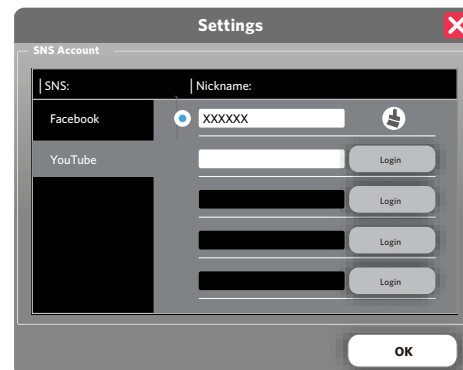
The function is not available in Front Mode.

## SNS Account Setup



1. Click  to enter the SNS setup screen.



2. Select the SNS type and create an SNS account. Enter the account alias in the field "Nickname" and click "Login" to enter the login screen.
3. Enter the SNS account and password on the login screen; and then click "Login" to enter the account screen which displays the set nickname.
4. Select "Allow" to get access authority for the account. When this step is completed, the login dialog box is closed.
5. To set multiple accounts, repeat steps 1-4.
6. After all SNS accounts are set, click "OK" to close the setup dialog box.



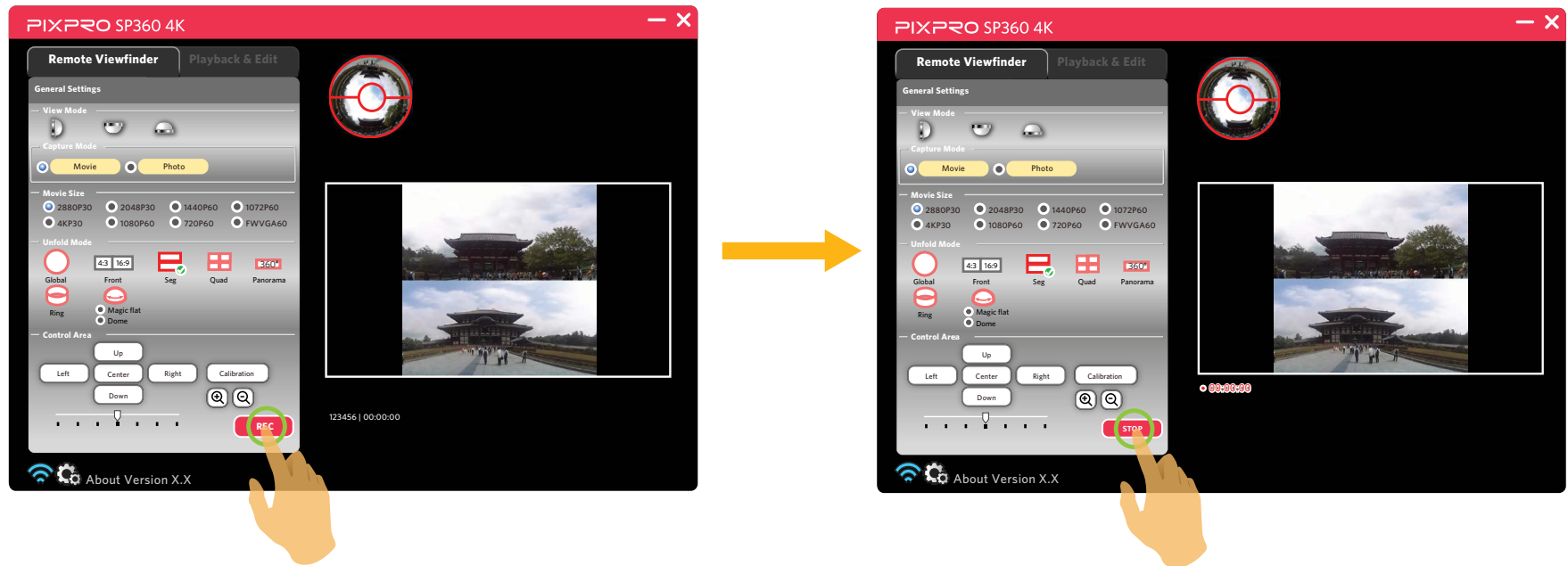
 This setup needs to be completed with a network connected.


 The set account can be removed by clicking  .


## >3 Shooting Method

### Video Recording

Click the "REC" button to start video recording. Click the "STOP" button to stop video recording.



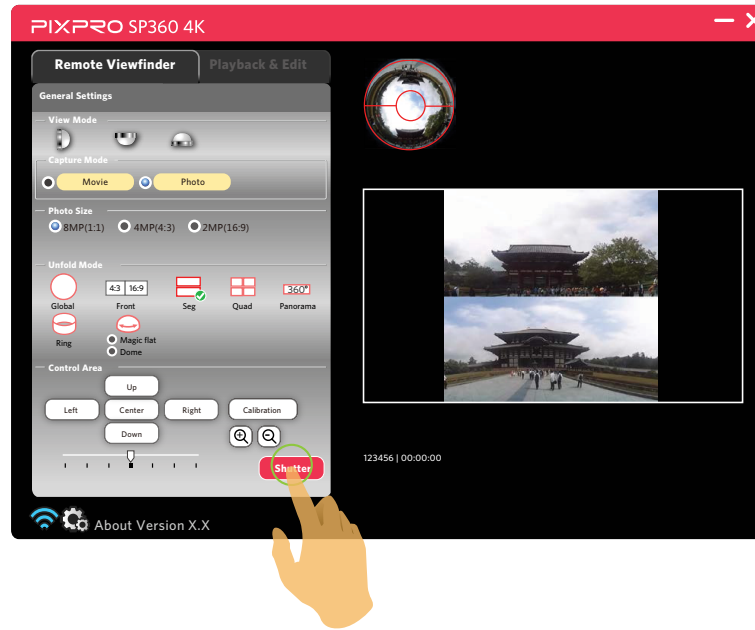
 If the Wi-Fi connection is interrupted during the video recording process, the camera will continue to record and a "Warning!" prompt box will pop up on the computer. Click "Retry" to reconnect.


 Videos will be stored in the camera.



## Shooting

Click the "Shutter" button to shoot a photo.



 Photos will be stored in the camera.

# > Playback & Edit

Click the "Playback & Edit" tab to enter the interface that enables playback or editing files.

## >1 Playback & Edit interface

A. Setup area

B. Display area

1. Index




2. Unfold image

- Press and hold the left mouse button to drag the image. Roll the wheel to forward and backward for zooming the image.
- If you are using a touch-screen computer, you can use your finger to drag the image or two fingers for zooming the image.

3. Image switchover

4. Control bar

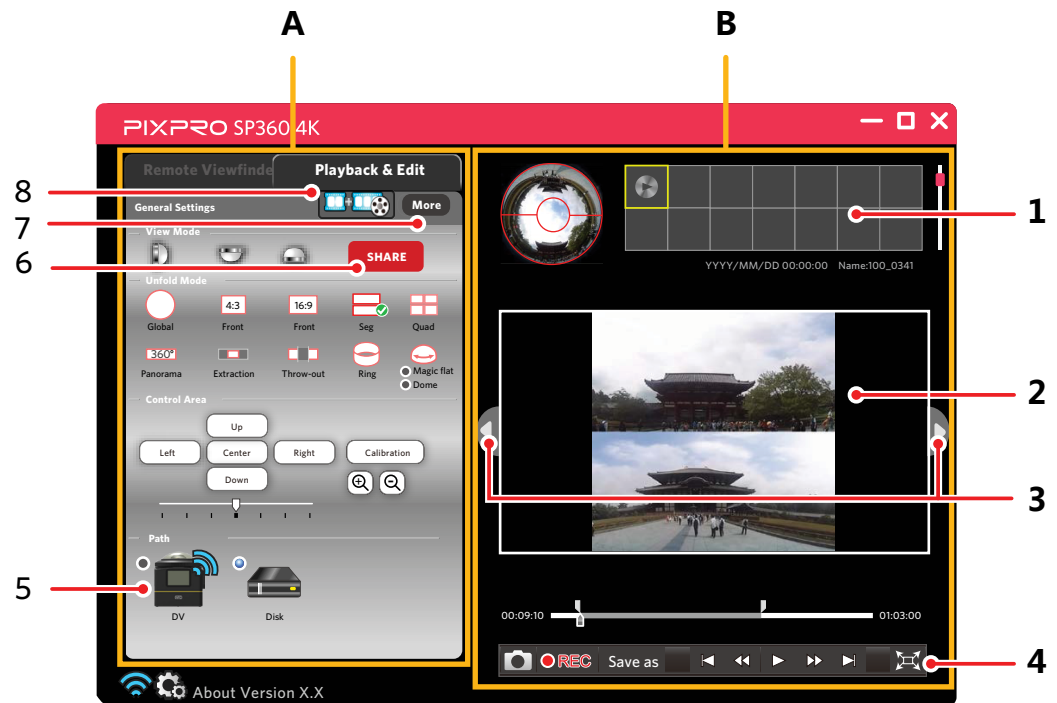
5. Path

-  Camera (Wi-Fi Connection)
-  Camera (USB Connection)
-  PC

6. SHARE

7. More

8. Join Videos




## >2 Playback & Edit menu settings

### Join Videos

Several videos are integrated into one video.

Only the videos that have the same conditions as the first video can be added with integration.



1. Click , "List of input files" is displayed.



2. Click "Add" to add one or more video files from the file selection dialog box.

Click "Remove" to delete the video file selected in the list of input files. This feature can be used to delete unwanted files or error files prompted in red font.

Click "Clear" to delete all of the video files in the list of input files.

Click the  or , to move the selected video files, and adjust the order of the video file in the list of input files.

3. Click "Browse" to choose the path to save the output file.

4. When there are no error files in the list of input files, click "OK" to start video integration.












The videos shot by the non SP360 and SP360 4K series, or those shot under different resolutions using this series of products cannot be integrated. If the added video has differences in conditions from the first video file, the difference information appears in red fonts in the "Error" bar.

## View Mode

See Page 7 for explanations.

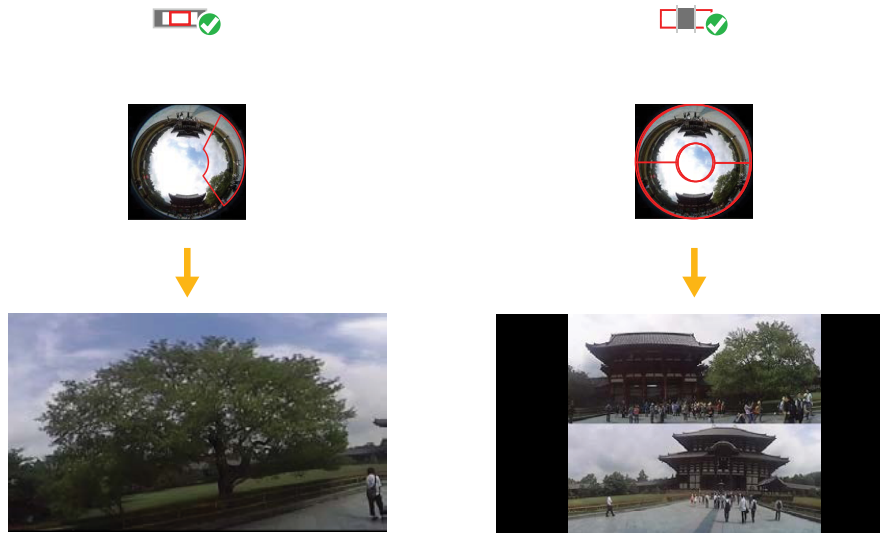
## Unfold Mode

There are 11 options:

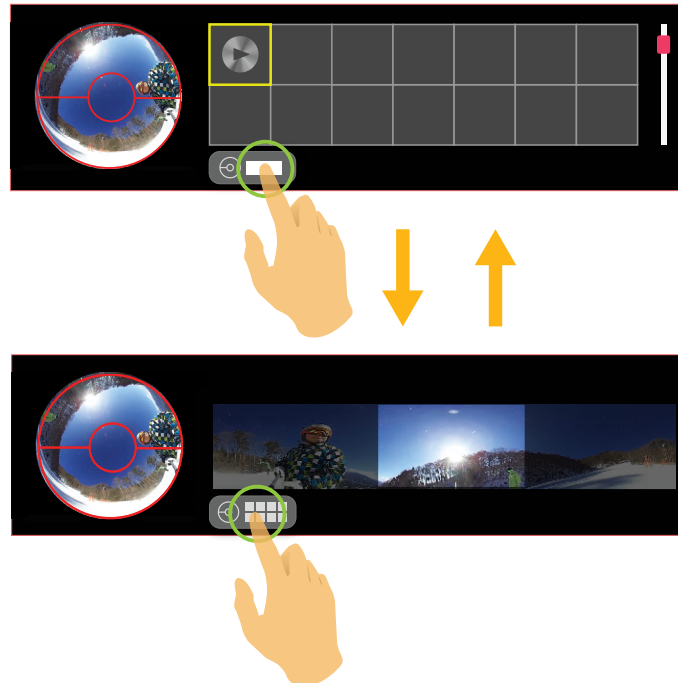
-  Global
-  4:3 Front
-  16:9 Front
-  Seg
-  Quad
-  360° Panorama
-  Ring
-  Magic flat
-  Dome

See Page 10 for visual representations of the first 9 options.

-  Extraction
-  Throw-out



In 360° / [red square] / [red square] mode, click the icon [play button] below the index view to show the preview, and click the icon [grid] below the preview to show the index view.

















## Control Area





### Calibration

See Page 12 for explanations.

**Up / Down / Left / Right /  / **

Button \ Unfold Mode	Up / Down	Left / Right	 / 
	No effect	Move counterclockwise / Move clockwise	No effect
			
			
	Move Up/ down	Move to the left/right	Zoom In/Out
		Move clockwise / Move counterclockwise	
	No effect	Move to the left/right	
			
			
	Flip Up/Down	Move counterclockwise / Move clockwise	
	Move Up/ down	Move clockwise / Move counterclockwise	
	Flip Up/Down	Move counterclockwise / Move clockwise	

 The operations here all refer to operations before the spherical images are enlarged.

 For  /  / , as the spherical images enlarged beyond the border, the images can be moved up and down.

**Center**

See Page 13 for explanations.

**Direction and Speed of Rotation** 

See Page 13 for explanations.



## Path



### Camera (Wi-Fi Connection)

Click on this icon to browse the files in the camera when the Wi-Fi is connected.



When the icon is displayed as  , only the video files are displayed in the index list; when the icon is displayed as  , only photo files are displayed in the index list.



### Camera (USB Connection)

Click on this icon to browse the files in the camera during the USB connection state.



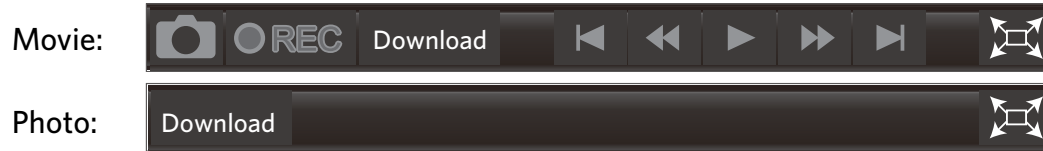
### PC

Click on this icon to browse the files on your computer.

Double click on this icon and select the path of the file that you want to browse, and click "OK".

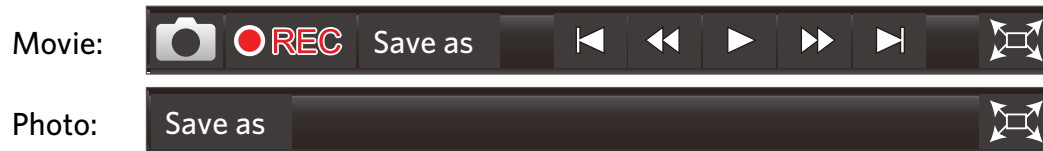
## Control bar

### Camera (Wi-Fi Connection)











When connected to Wi-Fi, the camera cannot play the movie directly. You will need to download the movie onto your computer before playing.

### Camera (USB Connection) or PC



### Features of buttons on the control bar


-  Full screen play
-  Play
-  Go back to the first frame
-  Previous frame/Rewind
-  Cancel the full-screen play
-  Pause
-  Jump to the last frame
-  Next frame / Fast Forward



-  Video progress bar

The video can be quickly jumped to a particular frame by sliding the slider below the progress bar.

The starting and ending points of video capture can be selected by sliding the two sliders above the progress bar.

-  Screenshot

Capture the current frame before video playback or when paused.

-  Download

Download the file to your computer.


-  Save as




1. Save the file to a new path.

2. Before playing a video or when paused, you can slide the two sliders on the video progress bar to select a section of the video, click "Save as" to save as the selected section as a new video file.

-  Video Cutting

Before playing a video or when paused, you can slide the two sliders on the video progress bar to select a section of the video that you want to make as a complete new video. Click  to start recording, and click  to stop recording.

 When video cutting, you can adjust the image in the Control Area, and the effect of such adjustment will be recorded in the new video.

 In cutting the video (with the image scale fixed at 16: 9) , you can click  to pause and adjust the Unfold Mode, and then click  to continue.

## Sharing

Round files can be converted into the suitable format for viewing in all SNS accounts to share .

1. Click **SHARE** to enter the 360° Output screen.

2. Select the direction of viewpoint you want.



Only by selecting a direction that is consistent with the shooting camera body can the new file be played in an upright direction.

3. Select an appropriate output size.

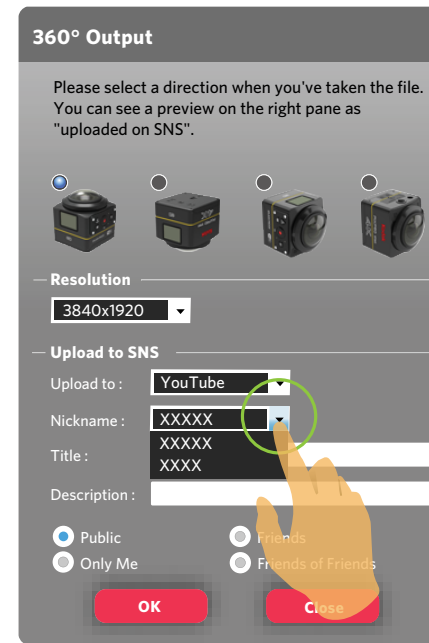


Corresponding table for Original size and Resolution: (O means “available”, X means “not available”)

		Resolution		
		7680 x 3840	5760 x 2880	3840 x 1920
Original size				
Round Photo	2880 x 2880	O	O	O

Original size		Resolution				
		3840 x 1920	2880 x 1440	1920 x 960	1440 x 720	720 x 360
Round Film	2880 x 2880	O	O	O	O	O
	2048 x 2048	O	O	O	O	O
	1440 x 1440	X	O	O	O	O
	1072 x 1072	X	X	O	O	O
	720 x 720	X	X	X	X	O


4. Select the social networking software or website you want to share.



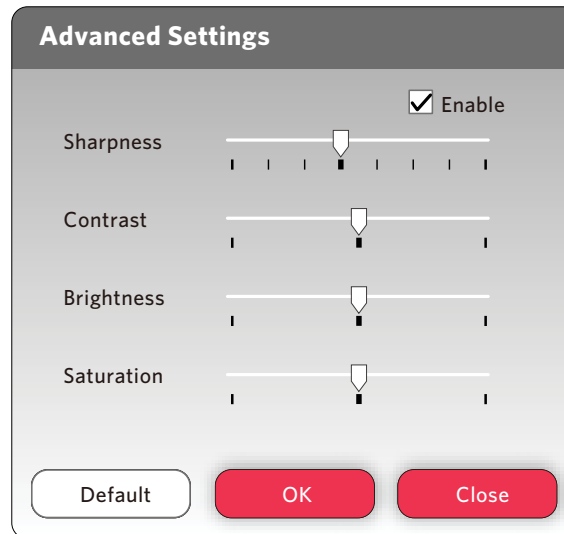
5. As required, enter the "Title" and "Description" and select the range of sharing.

6. Click "OK" and select the storage path and then select "Save" to directly upload the image file onto YouTube or Facebook.

## More

 When connected to Wi-Fi this function is not displayed while camera's file is being played back.

1. Click **More** to enter the "Advanced Settings" interface.



2. Slide the arrow to the left or right to adjust the Sharpness/Contrast/Brightness/Saturation.

 Before adjusting Sharpness, first click "Enable".

3. Click "OK" to save the settings. Click "Default" to restore the initial settings. Click "Close" to cancel the settings.

## > About Version

Click "About Version X.X" to enter the About Interface.



1. View the current version of software.
2. Click the "Software version UP", and enter the downloading interface.
3. Click on the official website on the interface and you can go to the website for more information.



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JK Imaging Ltd., 17239 So. Main Street, Gardena, CA 90248 USA

JK Imaging Europe, 71 Clarendon Road, Watford, WD17 1DS, UK

<http://kodakpixpro.com>