User Manual

PIXPRO SP360 4K

(PC Version)

For

KODAK PIXPRO SP360 4K Action Cam

Ver. 1.2

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 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.

Contents

Before You Start 1

Contents 2

Connecting the Camera with the computer 4

- Download and Install App 4
- Establish a Connection 4
  - Wi-Fi Connections (supports remote Viewfinder, Playback & Edit) 4
  - USB connection (Playback & Edit) 5

Operation Methods 6

- Remote Viewfinder 6
  - Remote Viewfinder Interface 6
  - Remote Viewfinder menu settings 7
    - View Mode 7
    - Capture Mode 8
    - Movie Size 8
    - Photo Size 8

Unfold Mode 9
Control Area 12
Shooting Method 14
Video recording 14
Shooting 15
Playback & Edit 16
Playback & Edit interface 16
Playback & Edit menu settings 17
View Mode 17
Unfold Mode 17
Control Area 18
Path 20
Control bar 21
YouTube sharing 23
More 24
About Version 25

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 & Edit)

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.

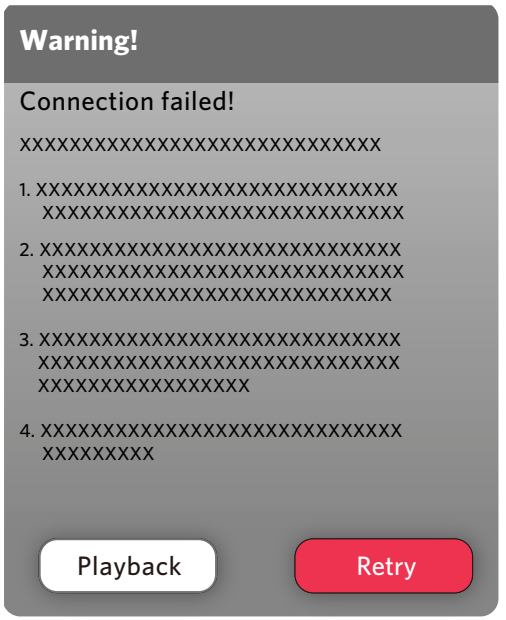
If you forget the Wi-Fi connection password, you can use the reset function on the camera to reset it (initial password: 12345678).

>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.

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.

Operation Methods

Remote Viewfinder

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

1 Remote Viewfinder Interface

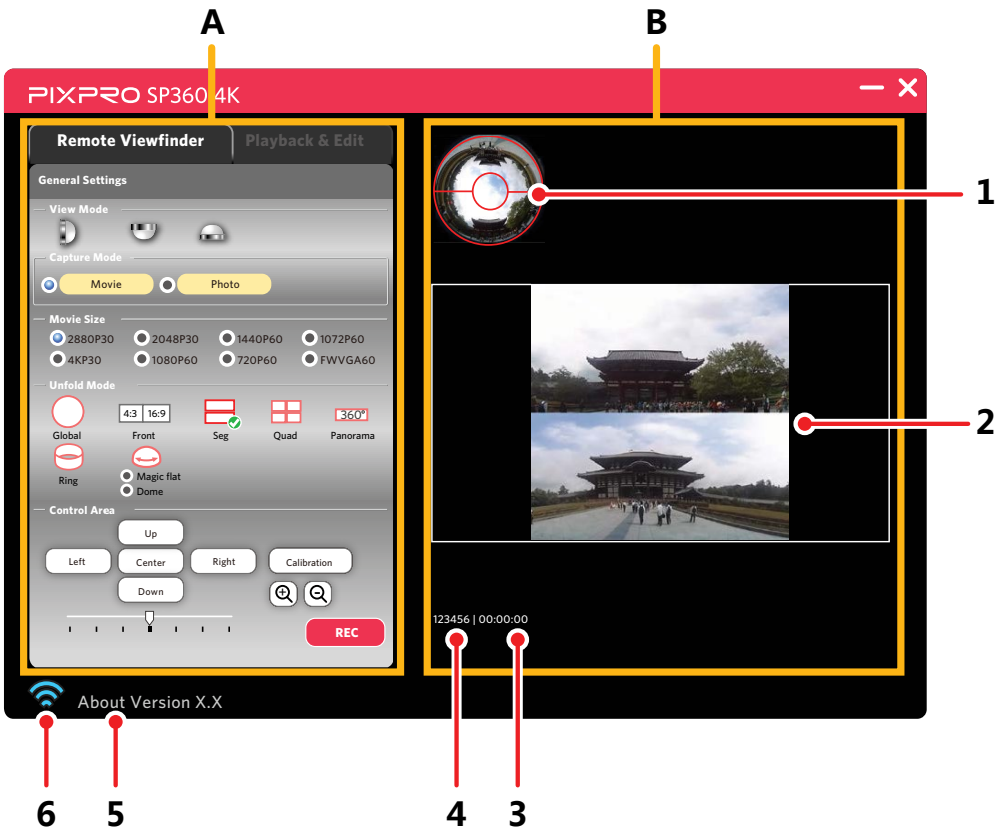
A. Setup area

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. Wi-Fi connectivity status

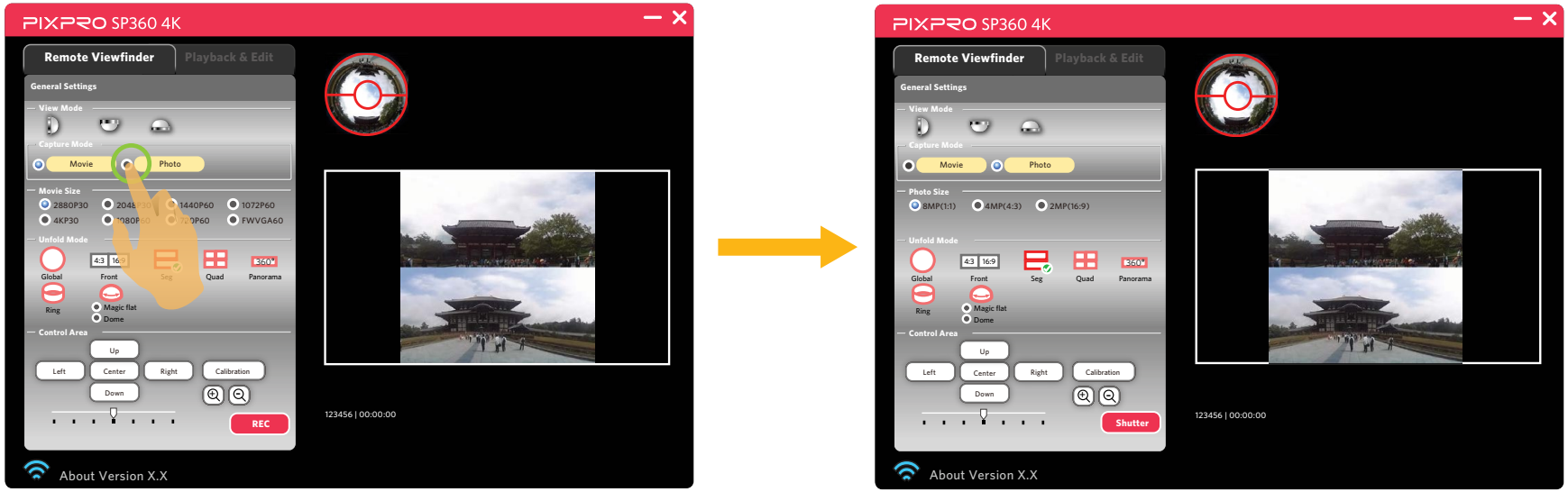
Wi-Fi connection is successful.

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

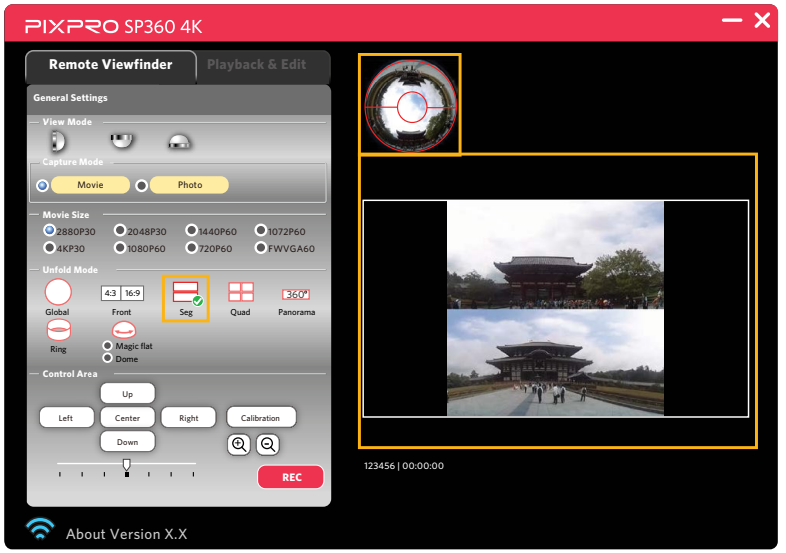
Set the photo resolution.

There are 3 options:

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

Unfold Mode

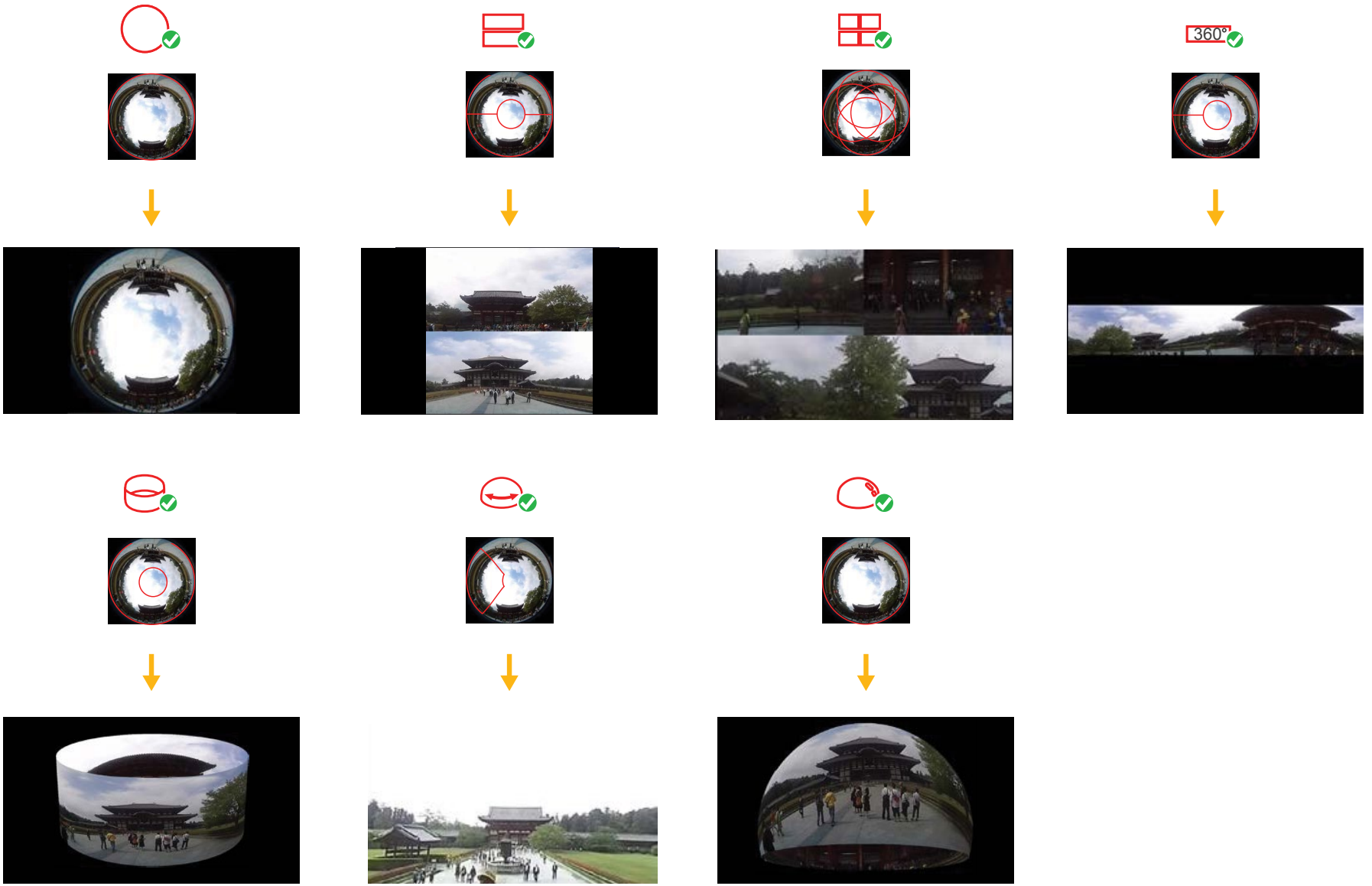
Select from several different viewing effects.



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")

Movie size \ Unfold mode	◯	4:3 16:9	▭	⊞	360°	⬭	⬭	⬭
2880P30	O	X	O	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”)

Photo size \ Unfold mode	◯	4:3 16:9		▭	⊞	360°	⬭	⬭	⬭
		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 / Unfold Mode	Up / Down	Left / Right	⊕ / ⊖
	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

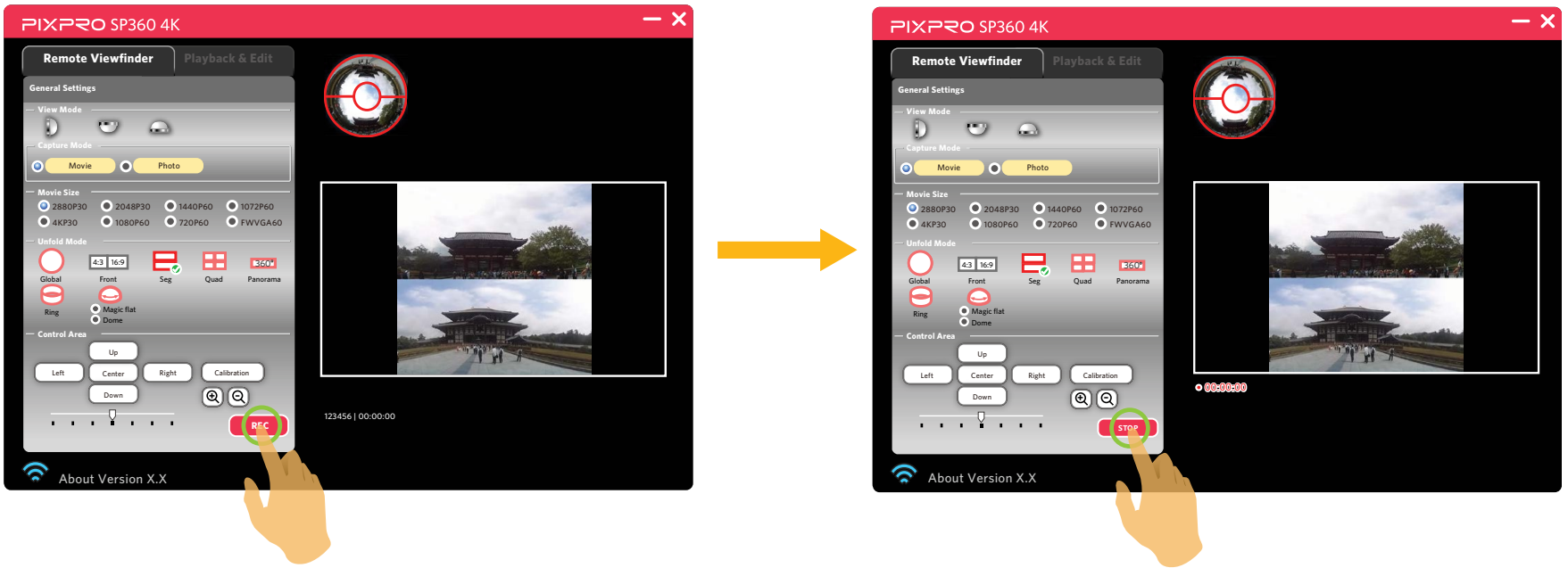
Drag the arrow to the left (or right) and the image will automatically rotate counterclockwise (or clockwise). The more to the left (or right) the arrow points, the faster the image will rotate.

The function is not available in Front Mode.

>3 Shooting Method

Video recording

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

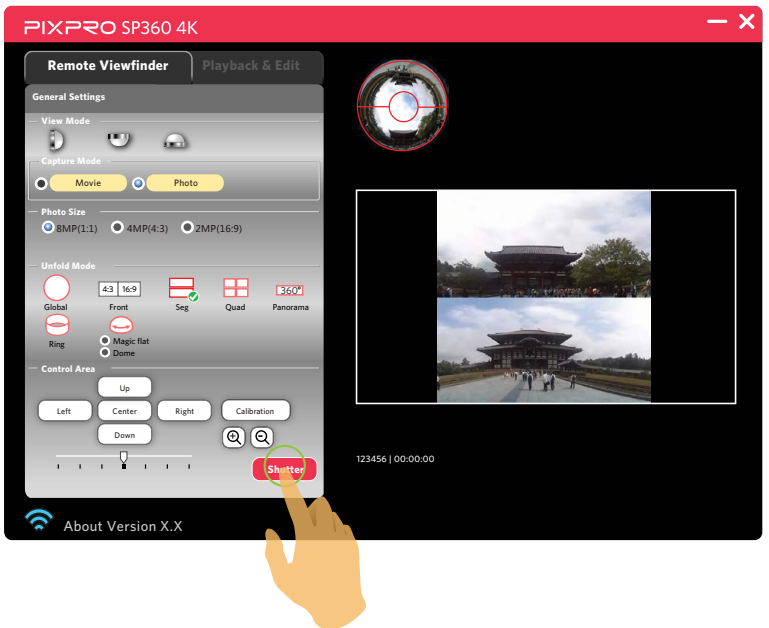


If the Wi-Fi connection is interrupted during the video recording process, the camera will continue to record and a "Warning!" prompt box will pop up on the computer. Click "Retry" to reconnect.

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

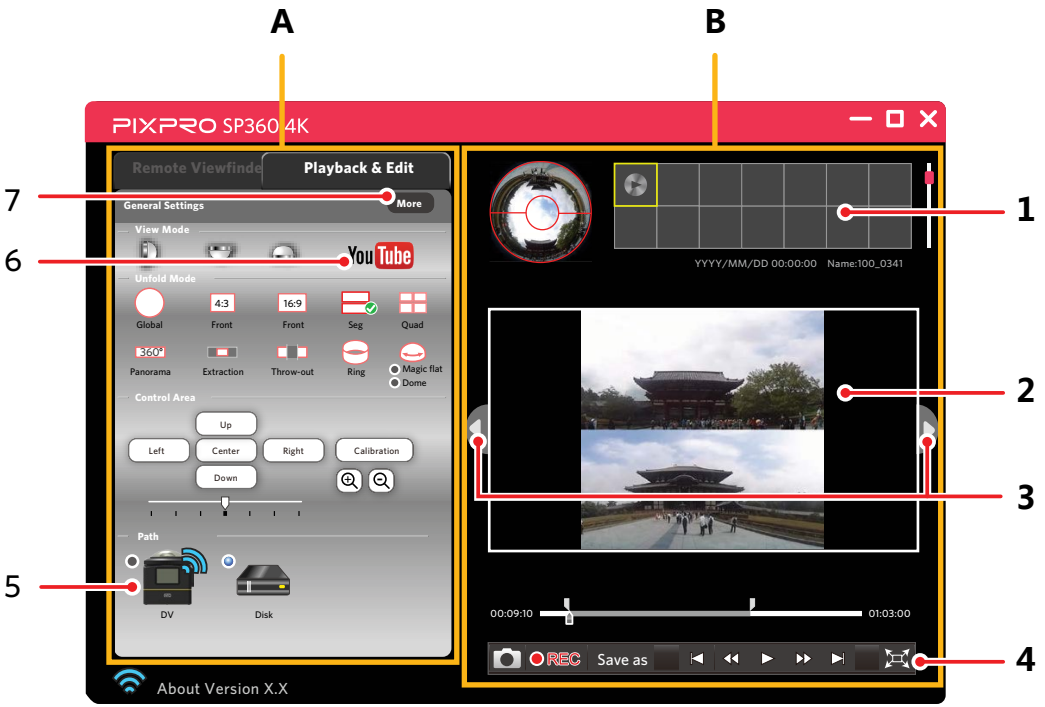
Click the “Playback & Edit” tab to enter the interface that enables playback or editing files.

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. YouTube sharing (the icon only appears when playing back round films)
7. More



1. YouTube sharing (the icon only appears when playing back round films)
2. More

>2 Playback & Edit menu settings

View Mode

See Page 7 for explanations.

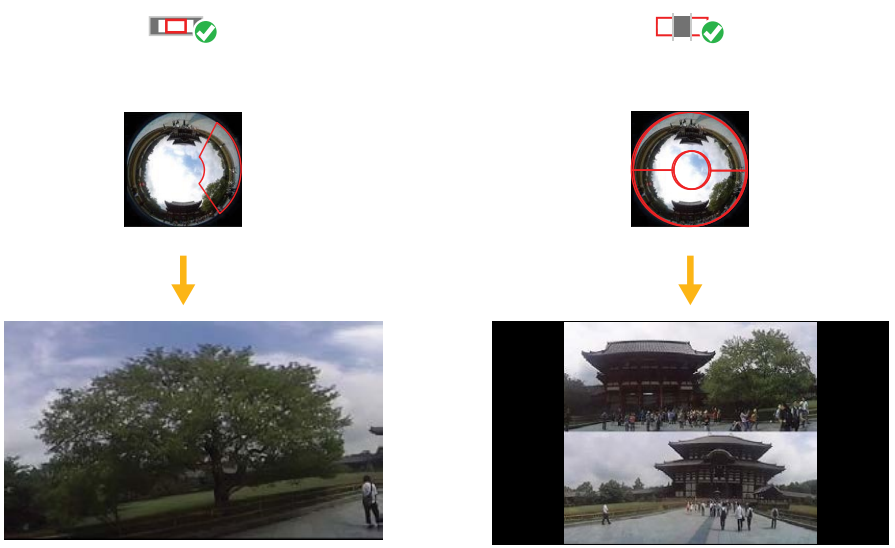
Unfold Mode

There are 11 options:

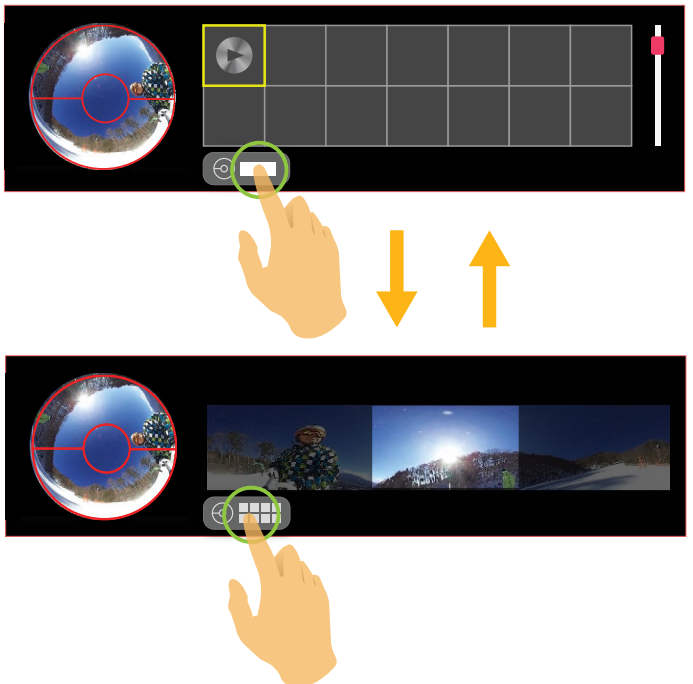
- Global
- Seg
- Ring
- 4:3 Front
- Quad
- Magic flat
- 16:9 Front
- 360° Panorama
- Dome

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

- Extraction
- Throw-out



In 360° / / mode, click the icon below the index view to show the preview, and click the icon 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
4:3			Zoom In/Out
16:9			
▭	Move Up/ down	Move to the left/right	
▦		Move clockwise/Move counterclockwise	
360°	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 360° / ▬ / ▭, 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)

Movie:

Photo:

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

Movie:

Photo:

Features of buttons on the control bar

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

Download the file to your computer.

- Save as 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.

- REC 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 REC to start recording, and click STOP 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.

YouTube sharing

Round film can be converted into the format compatible with YouTube (Viewing angle can be adjusted by mouse while playing on YouTube).

1. Move the two sliders above the progress bar to select a time frame, click YouTube.
2. Select the direction of the camera body while recording, check if the image direction is correct via the preview on the right side of the interface.
3. Select Resolution and then click “Convert”.

4. Save the selected video clip as a new video file.
5. Click “Finish”, and upload new video files to YouTube by operating under the interface prompts.

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

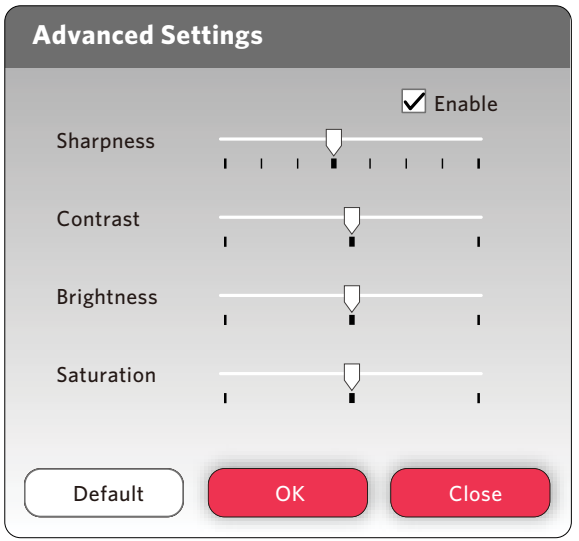
Corresponding table for Original size and Resolution: (O means “available”, X means “not available”)

Resolution / Original size	3840 x 1920	2880x 1440	1920x 960
2880 x 2880	O	O	O
2048 x 2048	O	O	O
1440 x 1440	X	O	O
1072 x 1072	X	X	O

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.



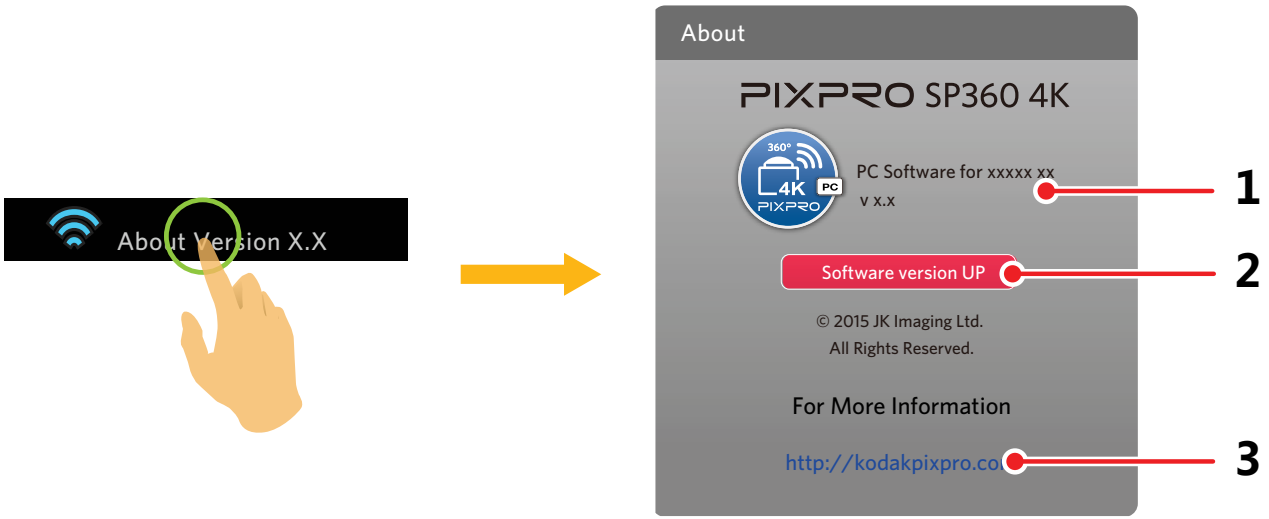
2. Slide the arrow to the left or right to adjust the Sharpness/Contrast/Brightness/Saturation.

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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