

KODAK PIXPRO 4KVR360

User Manual



Before You Start

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

Thank you for purchasing this product. Please read this manual carefully and keep it in a safe place for future reference.

- JK Imaging Ltd. reserves all rights of this document. No part of this published manual may be reproduced, transmitted, transcribed, stored in a retrieval system or translated into any language or computer language, in any form, by any means, without the prior written permission of JK Imaging Ltd..
- All trademarks mentioned in this manual are used for identification purposes only and are properties of their respective owners.
- This manual provides you with instructions on how to use your new KODAK PIXPRO 4KVR360. Every effort has been made to ensure that the contents of this manual are accurate; however JK Imaging Ltd. reserves the right to make changes without notice.
- Throughout this manual,  indicates the useful information, " Page number" indicates an introduction to the contents on this page.

For Customers in the U.S.A.

Federal Communication Commission Interference Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

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

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

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

Radiation Exposure Statement:

The product comply with the FCC portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

Industry Canada statement:

This device complies with ISED's licence-exempt RSSs. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Le présent appareil est conforme aux CNR d'ISED applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Radiation Exposure Statement:

The product comply with the Canada portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available.

Déclaration d'exposition aux radiations:

Le produit est conforme aux limites d'exposition pour les appareils portables RF pour les Etats-Unis et le Canada établies pour un environnement non contrôlé.

Le produit est sûr pour un fonctionnement tel que décrit dans ce manuel. La réduction aux expositions RF peut être augmentée si l'appareil peut être conservé aussi loin que possible du corps de l'utilisateur ou que le dispositif est réglé sur la puissance de sortie la plus faible si une telle fonction est disponible.

For Customers in Europe



This symbol [crossed-out wheel bin WEEE Annex IV] indicates separate collection of electrical waste and electronic equipment in the European countries. Please do not throw the equipment into domestic refuse. Please use the return and collection systems available in your country for proper, safe disposal of this product.



“CE” mark indicates that this product complies with the European requirements for safety, health, environment and customer protection. “CE” marked cameras are intended for sales in Europe.

Europe – EU Declaration of Conformity

This device complies with the essential requirements of the RED Directive 2014/53/EU. The following test methods have been applied in order to prove presumption of conformity with the essential requirements of the RED Directive 2014/53/EU:

- EN60950-1/A12:2011+A2:2013

Safety of Information Technology Equipment

- EN 62311:2008

Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz-300 GHz)

- EN 300 330-1 V2.1.1:2017

Electromagnetic compatibility and Radio spectrum Matters (ERM); Short Range Devices (SRD); Radio equipment in the frequency range 9 kHz to 25 MHz and inductive loop systems in the frequency range 9 kHz to 30 MHz

- EN 300 328 V2.1.1 (2016-11)

Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques

- EN 301 489-1 V1.9.2:2011

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements

- EN 301 489-3 V1.6.1:2013

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 246 GHz

- EN 301 489-17 V2.2.1:2012

Electromagnetic compatibility and Radio spectrum Matters (ERM); ElectroMagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems

Hereby, [Sintai Optical (Shenzhen) Co., Ltd], declares that this [4KVR360 and Remote] is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

Manufacturer: Sintai Optical (Shenzhen) Co., Ltd

Address: Qiwei Ind Sec, 1st, 2nd, & 3RD Bldg, Lisonglang Village, Gongming Town, Bao'an District, Shenzhen, Guangdong, China



Packaging: Please follow local regulations for the recycling of packaging.

Batteries: Please dispose of used batteries at designated collection centers.

For SAR statement

A minimum separation distance of 0 cm must be maintained between the user's body and the device, including the antenna during body-worn operation to comply with the RF exposure requirements in Europe.

To compliance with RF Exposure requirements in Europe, third-party belt-clips, holsters or similar accessories used by this device should not contain any metallic components. The use of accessories that do not satisfy these requirements may not comply with RF exposure requirements, and should be avoided.

Safety Notes

Product Notes:

- Do not disassemble or attempt to repair the product by yourself.
- Do handle the product properly. This product may be damaged if dropped, punctured or crushed.
- Avoid directly touching the lens element, please use professional lens cleaning paper together with lens cleaning agents to wipe the lens and keep the lens clean.
- Do not use corrosive, alcoholic or organic-solvent-containing cleaners to wipe this product.
- Do not use or store this product in high temperature environment.
- Do not expose the lens to strong light sources (e.g. daylight, etc.) for extended periods.
- Do not use or store the product in a strong magnetic field environment.
- If the product is quickly transferred from a low temperature environment to a high temperature environment, water condensation may occur in the product due to physical changes. In this case, it is recommended to wait until the product returns to room temperature before you turn it on.
- If a photo or video cannot be played back due to improper operation by the user, the Company shall assume no liability or responsibility for compensation.
- Store the product in a dry and clean environment when you are going to store the product for a long period.
- According to the characteristics of the electronic elements of the camera, the temperature of the camera will rise (heat is emitted) in the use process. Even though the temperature is relatively high when heat is emitted from the surface of the camera, the camera is capable of shooting continuously without faults. When the camera detects that the temperature of the body is within certain temperature limitation, it will power off automatically.
- In case of power off due to the temperature limitation, the camera can be activated for shooting again after its temperature drops.

Battery Notes:

- Please use a battery that is the same type as the one included.
- If the battery overheats during charging or use, stop charging or use immediately. Turn off the product, remove the battery carefully, and wait until it cools down.
- Please keep the battery contacts clean and dry.
- Please install the battery according to the positive and negative markings on the battery compartment. Never force it into the battery compartment.
- If battery fluid leaks into the product, please contact your retailer. If battery fluid leaks onto your skin, rinse your skin immediately with clean water and seek for medical attention.
- To prevent the battery from being damaged, do not drop the battery, hit it with heavy objects or scratch it with sharp objects.
- Do not let the battery be in contact with metal objects (including coins) in order to avoid short-circuiting, discharging, excessive heating, or possible leakage.
- Do not heat the battery or throw it into a fire in order to avoid a possible explosion.
- Remove the battery if it will be stored for a long period.
- Do not store the battery in high temperature environment.
- Using the battery in cold environment will result in a much lower performance.
- Do not attempt to disassemble the battery by yourself.
- Please dispose the battery properly according to local laws and regulations (national or regional).

Memory Card Notes:

- The memory card referred to in this manual is a microSD card, microSDHC card or microSDXC card.
- Please keep the memory card clean and dry.
- When inserting a memory card, make sure the notch direction of the card matches the notch direction of the memory card mark near the card slot. Do not force the memory card into the card slot.
- Before using a brand new memory card, please format the memory card first.
- A photo or video taken with the product will be stored in the folder that is automatically generated on the memory card. Do not store photos or videos that were not taken using the product in these folders in case the files cannot be normally recognized in playback.
- Directly editing the data on the memory card is not recommended. Copy the data to your computer disk before editing is recommended.
- Please turn the product off before removing the memory card. Otherwise, the memory card could be damaged.
- When the product is stored for a long period, please backup the data on the memory card and remove the memory card.





Other Notes:







- Do not disconnect the power or turn the product off during firmware updating process. Doing so may cause incorrect data to be written and the product may not power on later.
- When using your product on an airplane, observe the relevant rules specified by the airline.
- Due to the limitations of manufacturing technology, the LCD may have a few dead or bright pixels. These pixels do not affect the quality of the photos or videos.
- If the LCD screen is damaged, please pay close attention to the liquid crystal in the screen. If any of the following situations arise, kindly take the recommended actions immediately as indicated below:
 1. If liquid crystal comes in contact with your skin, please wipe your skin with a dry cloth, wash with soap thoroughly, and rinse with plenty of clean water.
 2. If liquid crystal gets into your eye, flush your eye with plenty of clean water immediately for at least 15 minutes. Please also seek for medical assistance.
 3. If liquid crystal is swallowed accidentally, immediately rinse your mouth with clean water and try to induce vomiting. Please also seek for medical assistance.

Waterproof Notes:

- This product is splash proof for the purposes of daily activities. Before use, please make sure to lock the battery cover.
- Any scratches, cracks, or small foreign objects (such as sand or hair) attached to the rubber ring inside of the battery cover will affect the efficacy of splash proof function. Before use, please check whether the waterproofing rubber is damaged or contaminated with a foreign object before closing the battery cover. When there is a foreign object on the waterproofing rubber and its adjacent surfaces, please use a clean, lint-free dry cloth to clean it. If there are any scratches or cracks, immediately go to a service center for maintenance and obtain a replacement waterproofing rubber.
- Do not directly open the battery cover, when the product accidentally is exposed to water. Please turn off the power and wipe it with a clean, dry, lint-free cloth before opening the battery cover in order to remove the battery and the memory card.
- When opening the battery cover, if there are water droplets on the surfaces located between the interior and the body, please make sure to wipe them off.
- After using the product in the presence of sand, mud or other foreign matter, please rinse it with clean water (Close the battery cover tightly before rinsing). After rinsing, wipe it with a clean, dry, lint-free cloth.

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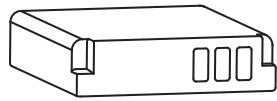
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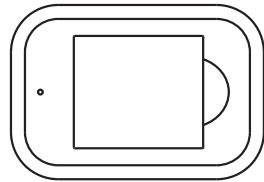
Getting Ready

Accessories Included

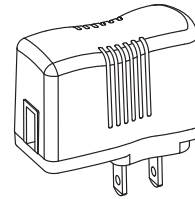
Your product box should contain the product you purchased along with the following accessories. If anything is missing or appears to be damaged, please contact your retailer. (The AC Adapter style will vary according to the power requirement from different countries or regions. Below picture is for reference only)



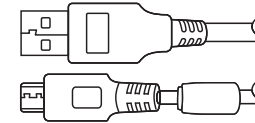
Rechargeable Li-ion battery



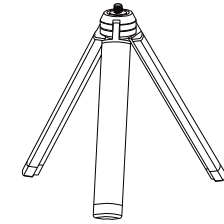
Battery charger



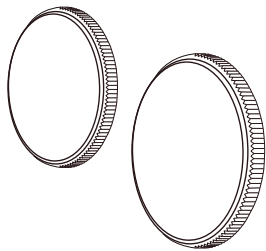
AC adapter



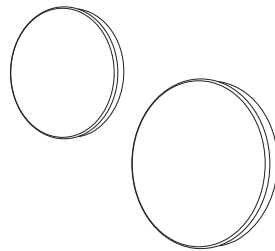
Micro USB cable



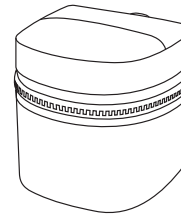
3-Leg stand



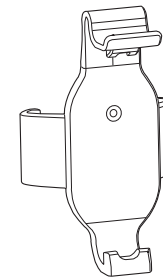
Lens cover (B 135, C 255)



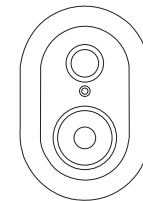
Protective cover (B 135, C 255)



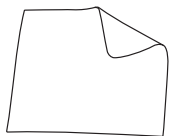
Carrying case



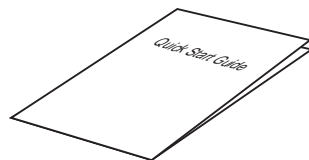
Remote control mount-B



Remote Control-D



Cleaning cloth



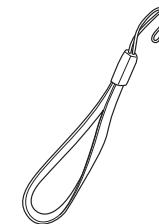
Quick start guide



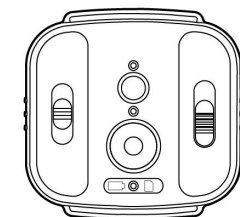
Warranty card



Service card

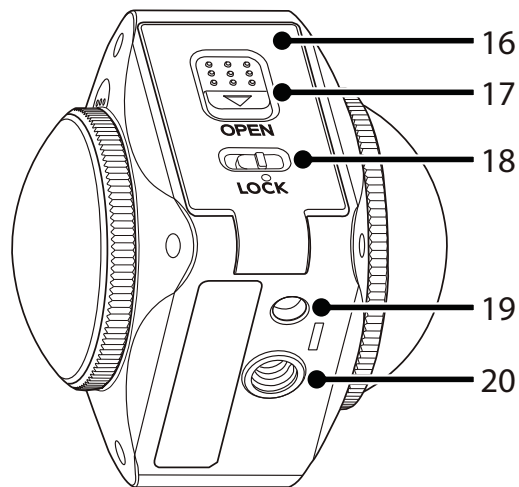
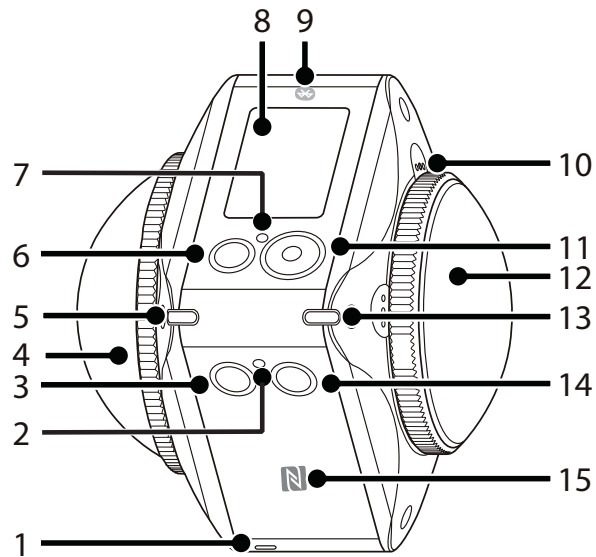






Wrist strap



Remote Control-C (Optional)

Part Names



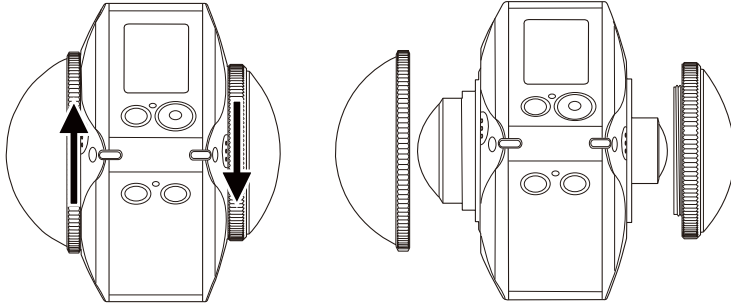
1	Buzzer
2	Wi-Fi indicator
3	 Wi-Fi button / Direction button (lower) / Remote control pairing (press and hold)
4	Lens B (235 Degree)
5	Lens status indicator B
6	 Power button
7	Status indicator
8	LCD
9	Bluetooth mark
10	Microphone
11	 Video recording button / Shooting button / OK button
12	Lens A (155 Degree)
13	Lens status indicator A
14	 Menu button / Direction button (upper) / Mode switching (press and hold)
15	NFC mark
16	Battery cover
17	Battery cover open Switch
18	Battery cover lock
19	Location hole
20	Tripod socket

Mounting / Removing Lens Ring and Lens Cover

The processes of mounting/removing lens ring and lens cover are the same, with lens cover as an example as below:

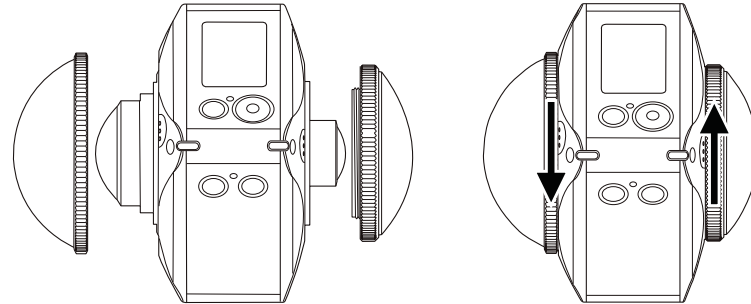
Removing lens cover:

Turn the lens cover according to the illustrated direction until it separates from the **4KVR360**.



Mounting lens cover

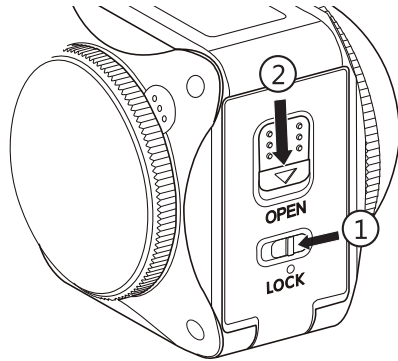
Turn and firmly tighten the lens cover according to the illustrated direction.



- ④ The lens cover protects the lens from being damaged (dustproof, shockproof and splash proof). Using the lens cover when taking a photo/shooting a video will not influence the image/video quality.
- ④ Before mounting the lens cover, make sure the lens surface is clean and dry. Always use a clean, lint-free dry cloth to clean the lens before shooting or recording so it will not affect the photo or video quality.
- ④ When the **4KVR360** is exposed to extreme temperature differences condensation may form inside of the lens cover. If this happens, remove the lens cover, clean it with a soft, dry, lint-free cloth, and then reinstall the lens cover.
- ④ If the **4KVR360** will not be used for a period of time, always put the protective cover on it (as shown in the figure).

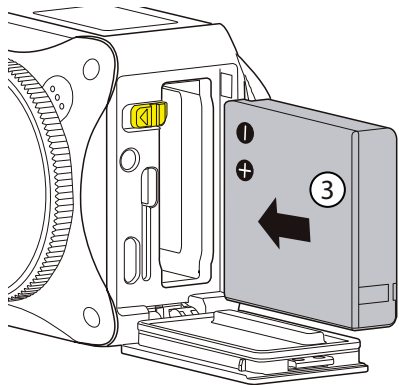


Installing Battery



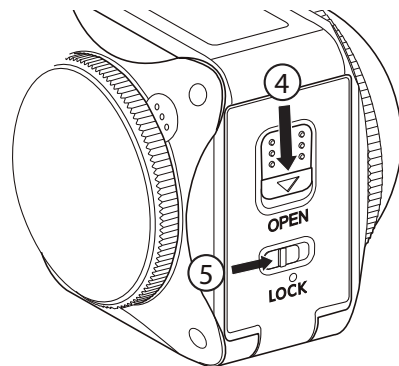
1. Open the battery cover

First, set the battery cover lock to the left ①, and then push the open switch of the battery cover downward ②.



2. Insert the battery

Insert the battery into the battery compartment along the direction of arrow ③ (note the location of the + and - symbols).

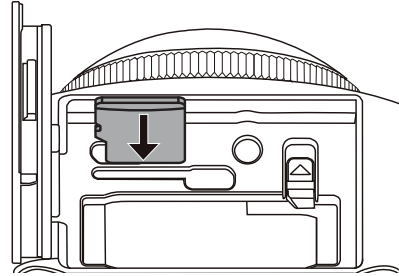


3. Close the battery cover

Close the battery cover the rear cover will "click" when tightly closed ④. Finally, move the battery cover lock to the right ⑤.


Installing Memory Card

Open the **battery cover**, then insert the memory card into the card slot (note the direction of the memory card gap), push the bottom end of the memory card with a fingertip into the slot completely, and then close the side cover.



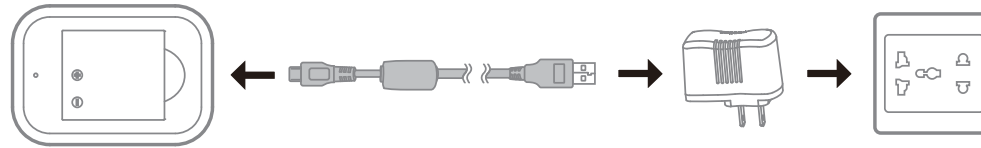
- ④ A memory card (microSD / microSDHC / microSDXC) is optional and is not included in the product package. It needs to be purchased separately. Please use an original memory card, which is Class 10 or higher and has a capacity of 8GB to 256GB. When recording with a memory card of Class 10 or above, in case of reminder of low speed, it is recommended to format the memory card before use.
- ④ To remove your memory card, open the **battery cover**, gently press the memory card to eject it and remove it carefully.
- ④ The product will automatically turn off if the memory card is inserted or extracted when the product is on.

Charging the Battery

 Please use the battery charger or AC adapter to charge the battery in an ambient temperature ranging from 10 °C to 35 °C.

Charging the battery with a battery charger:

1. Place the battery into the battery charger according to the direction illustrated. Use the Micro USB cable to connect the battery charger and the AC adapter, and then plug the AC adapter into an electrical outlet.

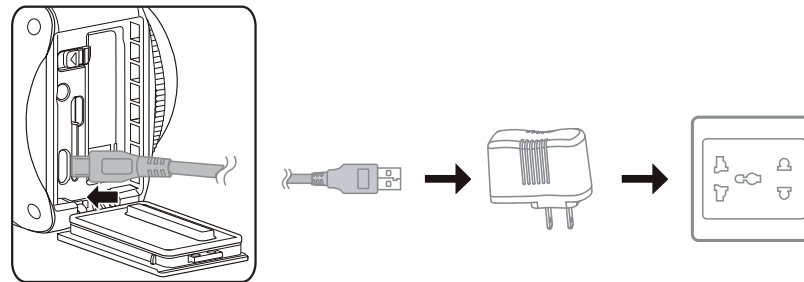


2. The indicator light will turn red while charging. The indicator light becomes green means charging is complete.


 When charging the battery for the first time or after a long period of storage, please make sure that the charging time is no less than four hours.

Charging the camera with an AC adapter or an external power supply (vehicle power supply, portable power supply, etc.):

1. Place the battery into the camera.
2. While in shutdown mode, use the Micro USB cable to connect the camera to the AC adapter first, and then plug the AC adapter into the power outlet. Alternatively, use the Micro USB cable to connect the camera to an external power supply (vehicle power supply, portable power supply, etc.).




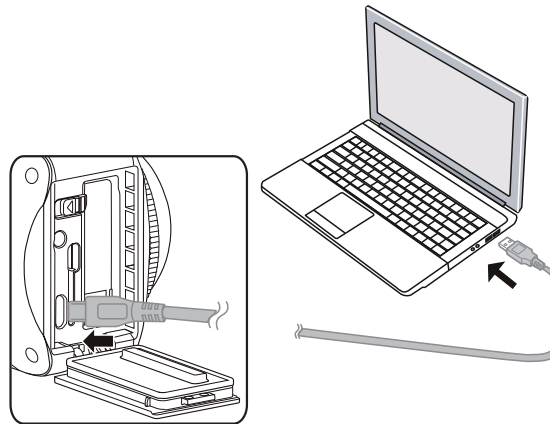
3. The indicator light will become orange while it is charging. The indicator will go out once charging is finished.

 The camera cannot be recharged when power is on.


Charging the camera with a computer:

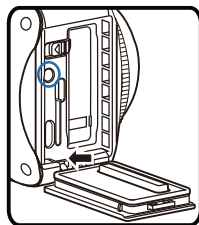
1. Place the battery into the camera.
2. Use the Micro USB cable to connect the camera (off) to a computer (on).
3. The indicator light will become orange while it is charging. The indicator will go out once charging is finished.

 The camera cannot be recharged when power is on.



Using the Internal Microphone:

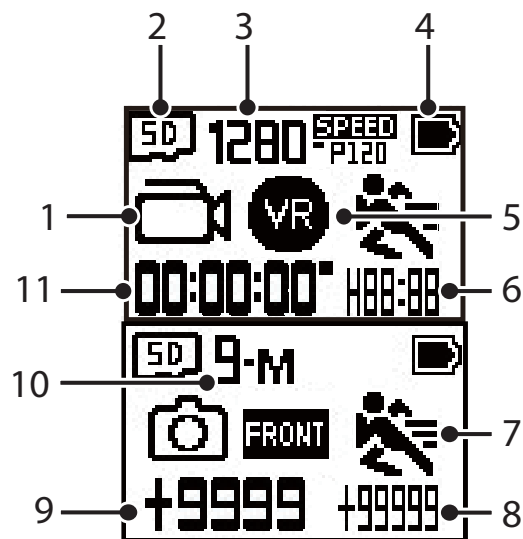
 Please only use the proprietary PIXPRO audio cable available @ kodakpixpro.com (cable sold separately).



Configuration and Operation

Main Interface Introduction

■ The Main Interface



1. Mode

- Movie mode
- Snap Shot Photo mode
- High-speed movie mode
- Burst mode

2. Memory card

- #### 3. Movie size:
- VR **3840-[∞]P24 / 3840-¹⁹²⁰P15 / 1920-⁹⁶⁰P30**
 - Front **4K-P30 / FHD-^{Ultra}P60 / FHD-^{middle}P60 / FHD-^{narrow}P60 / HD-P60**
 - Round **1920-¹⁹²⁰P30 / 2880-²⁸⁸⁰P24**
 - Hi Speed **1280-^{SPEED}P120 / HD-^{SPEED}P120**

4. Battery status

5. Display mode

VR / DOME Round / FRONT Front

6. Remaining recording time: **H:MM:SS** hh:mm / **M:MM:SS** mm:ss / **--:--** none

7. Motion detection (on)

8. Number of remaining shots: **+99999** :("99999" will be displayed when it exceeds the maximum available display number) / **-----** none


9. Existing Document in **+99999** :("99999" will be displayed when it exceeds the maximum available the Memory Card: display number)

10. Photo size: **8-M/9-M/13M/15M/27M/15M[∞]/27M[∞]**


11. Time Recording the Movie **00:00:01**


Power On / Off

■ **Power on:**






When the power is off, press the  button for more than one second to turn on the product.

■ **Power off:**

When the power is on, press the  button for more than one second to turn off the product.


 If the product cannot be powered off normally, you can remove the battery from the camera to force it to power off.





Start-up for language, date and time

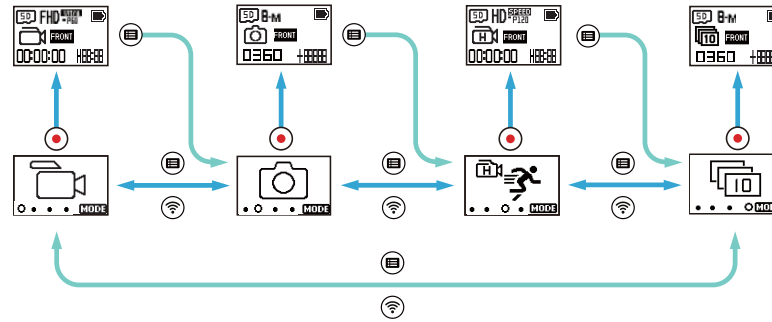
1. Press the  button to turn on the product. When starting for the first time, the display will show the date and time setting screen, "Year Month Day Hour : Minute : Second".
2. The item to be adjusted will be highlighted with a black background color, press the  or  button to adjust the value, press the  button to confirm.
3. After adjusting the "Minute" value, press the  button to enter the main interface.



Modes Introduction

In the main interface, press and hold the  button to enter the mode selection interface. Press the  or  button to select any one mode; press the  button to return to the main interface of the current mode.

4 modes are available: Movie mode , Snap shot photo mode , High-speed movie mode , Burst mode .

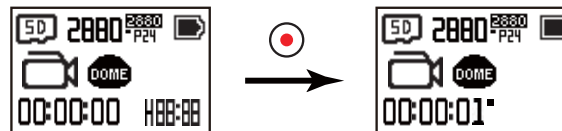


■ Movie mode

Enable video recording. It is suitable for recording in most conditions.

Operation method:

Press the  button to start recording. Press the  button again to stop recording.

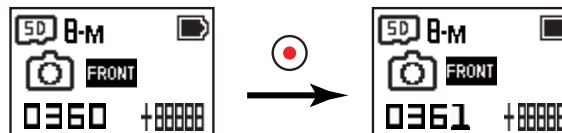


■ Snap Shot Photo mode

Enables photo shooting. It is suitable for recording in most conditions.

Operation method:

Press the  button for photo.

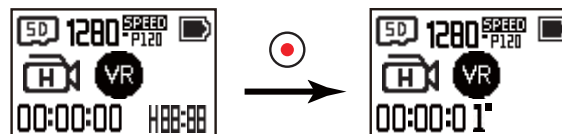



■ High-speed movie mode

The product shoots ultra-high speed movies, and plays back with normal 30fps speed.

Operation method:

Press the  button to start recording. Press the  button again to stop recording.



 Sound cannot be recorded in this mode.

■ Burst mode









Enables ten photos to be captured continuously before auto pause.

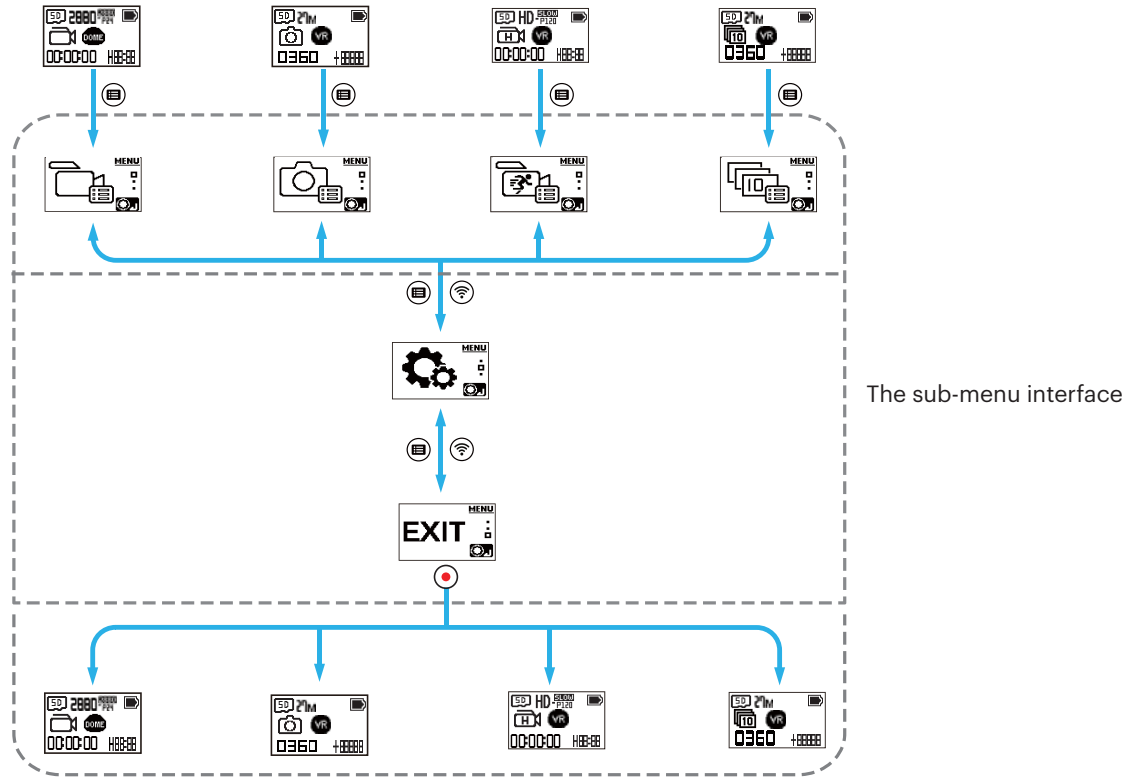
Operation method:











Press the  button; it will stop after 10 photos are taken.



Introducing the Menu

1. In the main interface, press and hold the  button to enter the sub-menu interface. There are 2 options: Every Shooting Mode Settings ( / ) /  , General Settings  . Press the  or  button to select the item, and press the  button to enter the corresponding advanced setting interface.



2. Press the  or  button to select the item; press the  button to confirm and to enter the selectable items interface (highlighted with a black background color).
3. Press the  or  button to select the item; press the  button to confirm and to back to the advanced setting interface.
4. Select  , press the  button to return to the sub-menu interface.
5. Select  , press the  button to return to the main interface.

Every Shooting Mode Settings (/ / /)

The advanced Setting in every shooting mode

The sub-menu interface

Movie Settings



Photo Settings



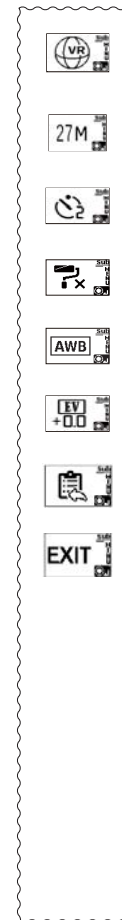
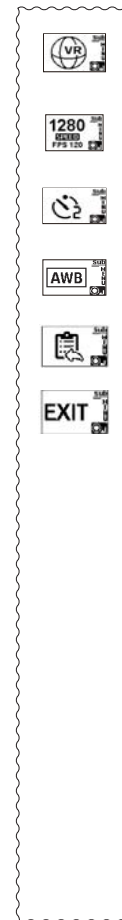
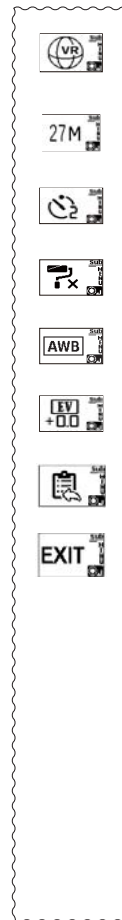
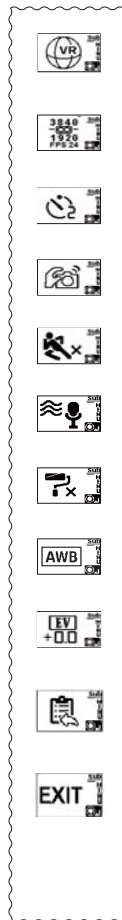
High-speed Movie Settings



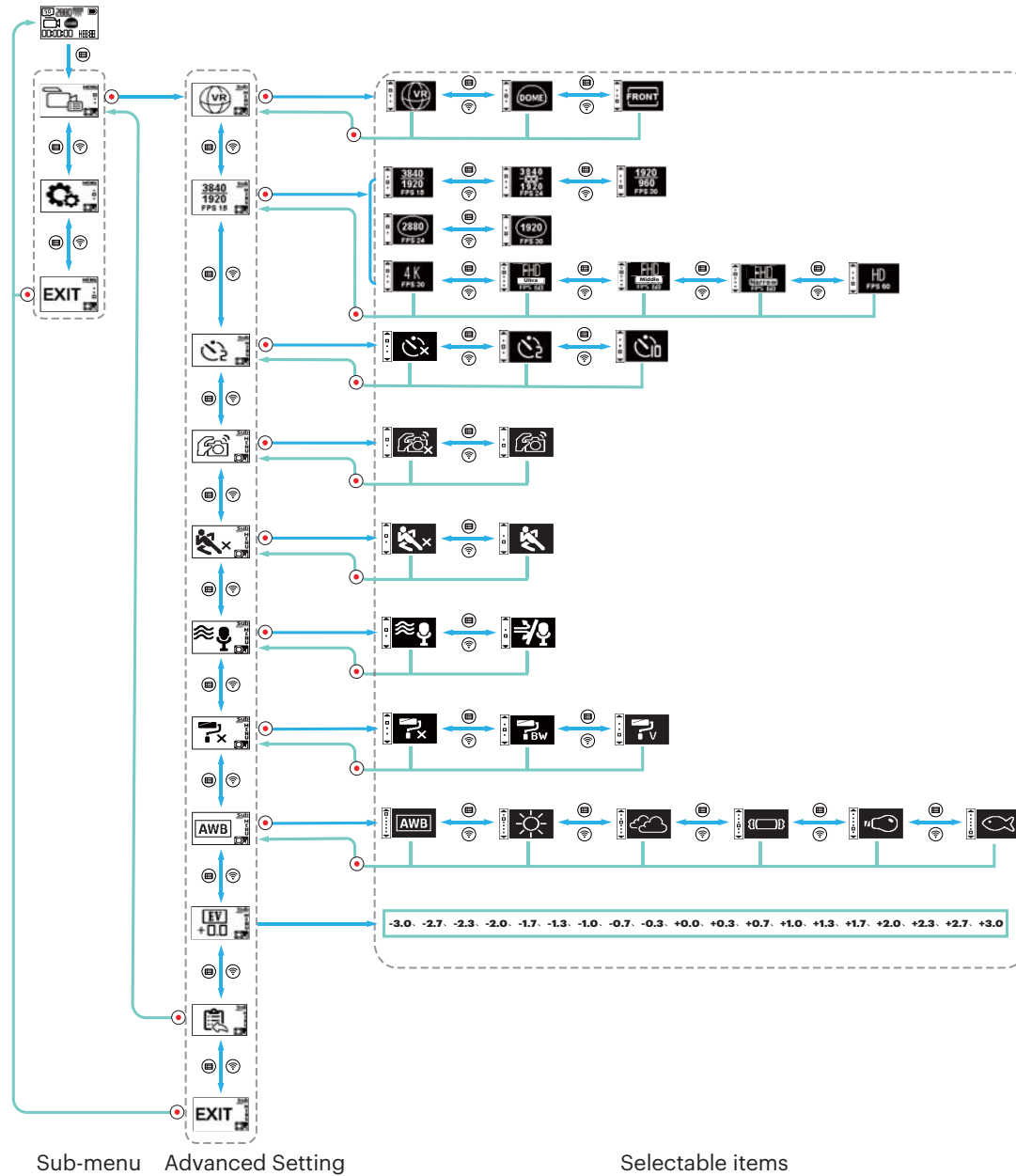
Burst Settings



The advanced Setting interface



Take the recording setting menu as an example; the setting operating manners of other shooting modes are the same as that of the recording setting menu.

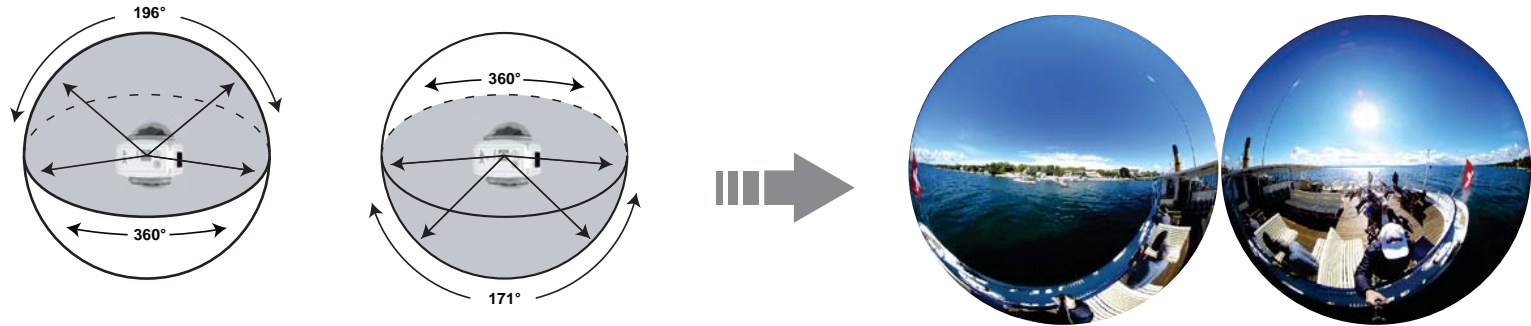


■ **Display mode**

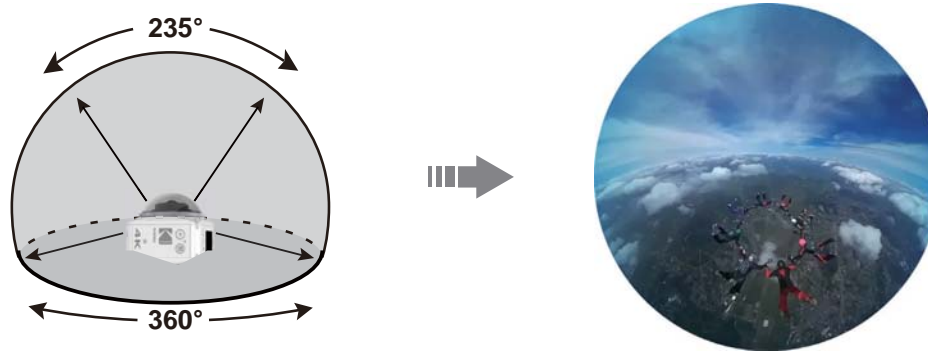
Set image storage form.

There are 3 options:

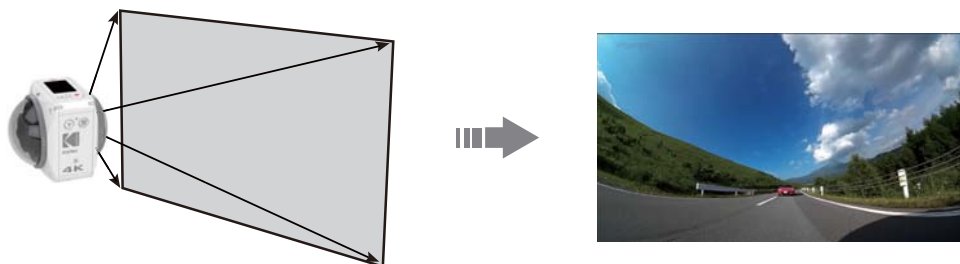
- **VR** VR Mode



- **DOVE** Round Mode



- **FRONT** Front Mode



■ **Movie size**

Set video resolution.

VR Mode (2:1)

- **3840-∞_{P24}** 3840×1920 (24fps)
- **3840-1920_{P15}** 3840×1920 (15fps)
- **1920-960_{P30}** 1920×960 (30fps)
- **1280-SPEED_{P120}** 1280×640 (120fps)

Round Mode (1:1)

- **2880-8880_{P24}** 2880×2880 (24fps)
- **1920-1920_{P30}** 1920×1920 (30fps)

Front Mode (16:9)

- **4K-P30** 3840×2160 (30fps)
- **FHD-Ultra_{P60}** 1920×1080 (60fps)
- **FHD-middle_{P60}** 1920×1080 (60fps)
- **FHD-narrow_{P60}** 1920×1080 (60fps)
- **HD-P60** 1280×720 (60fps)
- **HD-SPEED_{P120}** 1280×720 (120fps)



The selectable options are different for different modes, please be subject to actual operations.



When the display mode is set to **VR**, only the options having the dimension scale 2:1 are displayed; when the display mode is set to **FRONT**, only the options having the dimension scale 16:9 are displayed; When the display mode is set to **DOVE**, only the options having the dimension scale 1:1 are displayed.



When select **4K-P30** to record, if the lens element faces towards a harsh light, a glow effect may occur.



The maximum recording time:


Movie size	8GB	16GB	32GB	64GB	128GB
3840-∞_{P24}	13:51	27:57	55:43	01:49:00	03:39:00
3840-1920_{P15}	13:51	27:57	55:43	01:49:00	03:39:00
1920-960_{P30}	57:37	01:56:00	03:51:00	07:33:00	15:12:00
1280-SPEED_{P120}	37:41	01:16:00	04:05:00	04:56:00	09:56:00
2880-8880_{P24}	13:51	27:57	55:43	01:49:00	03:39:00
1920-1920_{P30}	29:13	58:58	01:57:00	03:50:00	07:42:00

Movie size	8GB	16GB	32GB	64GB	128GB
4K-P30	13:51	27:57	55:43	01:49:00	03:39:00
FHD-Ultra_{P60}	37:21	01:15:00	02:30:00	04:54:00	09:51:00
FHD-middle_{P60}	37:21	01:15:00	02:30:00	04:54:00	09:51:00
FHD-narrow_{P60}	37:21	01:15:00	02:30:00	04:54:00	09:51:00
HD-P60	01:01:00	02:03:00	04:05:00	08:01:00	16:07:00
HD-SPEED_{P120}	43:50	01:28:00	02:56:00	08:01:00	11:34:00

■ Self Timer

Setting a self-timer function.


There are 3 options:

-  Self Timer Off
-  Self Timer -2sec
-  Self Timer -10sec

■ EIS

Set electronic image stabilization (EIS) function.


There are 2 options:

-  Enable
-  Off




■ Motion detection

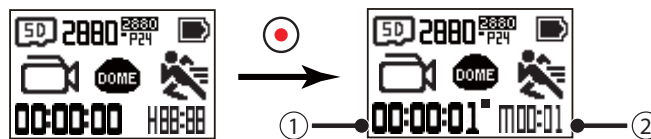
Motion detection means that if the product detects moving objects entering into the view, it will automatically start recording. During the recording process, if there is no moving object detected for 10 continuous seconds, the recording will pause automatically.

There are 2 options:


-  Enable
-  Off

Operation method:

1. Select , and return to the main interface.
2. The display will show the  icon. Press the  button to activate. If the product detects moving objects, it will automatically start recording.
3. The product will stop recording when there is no change in the image within 10 seconds. When the image changes again, the product will start recording automatically, and a new video file will be generated after each pause and restart.



- ① indicates the total time of recording
② indicates the total time from enable the Motion detection

4. Press the  button again to stop recording and detecting.

■ Wind cut

Wind cut refers to the reduction of noise caused by wind.




There are 2 options:

-  Enable
-  Off

■ **Color**

Set image color.

There are 3 options:

-  Normal
-  Black and white
-  Vivid

■ **White balance**

White balance means that the user adjusts the color temperature under different light sources to ensure that the colors are reproduced correctly.

There are 6 options:

-  Auto white balance
-  Daylight
-  Cloudy
-  Fluorescent
-  Incandescent
-  Underwater

■ **Exposure Compensation**

Set up to adjust the picture brightness.

The adjustable range of exposure value is from EV -3.0 to EV+3.0.

■ **Photo size**

Set photo resolution.

There are 7 options:

- **27M** 7360×3680(2:1)
- **15M** 5520×2760(2:1)
- **27M[∞]** 7360×3680(2:1)
- **15M[∞]** 5520×2760(2:1)
- **13M** 3680×3680(1:1)
- **9-M** 3525×2644(4:3)
- **8-M** 3840×2160(16:9)


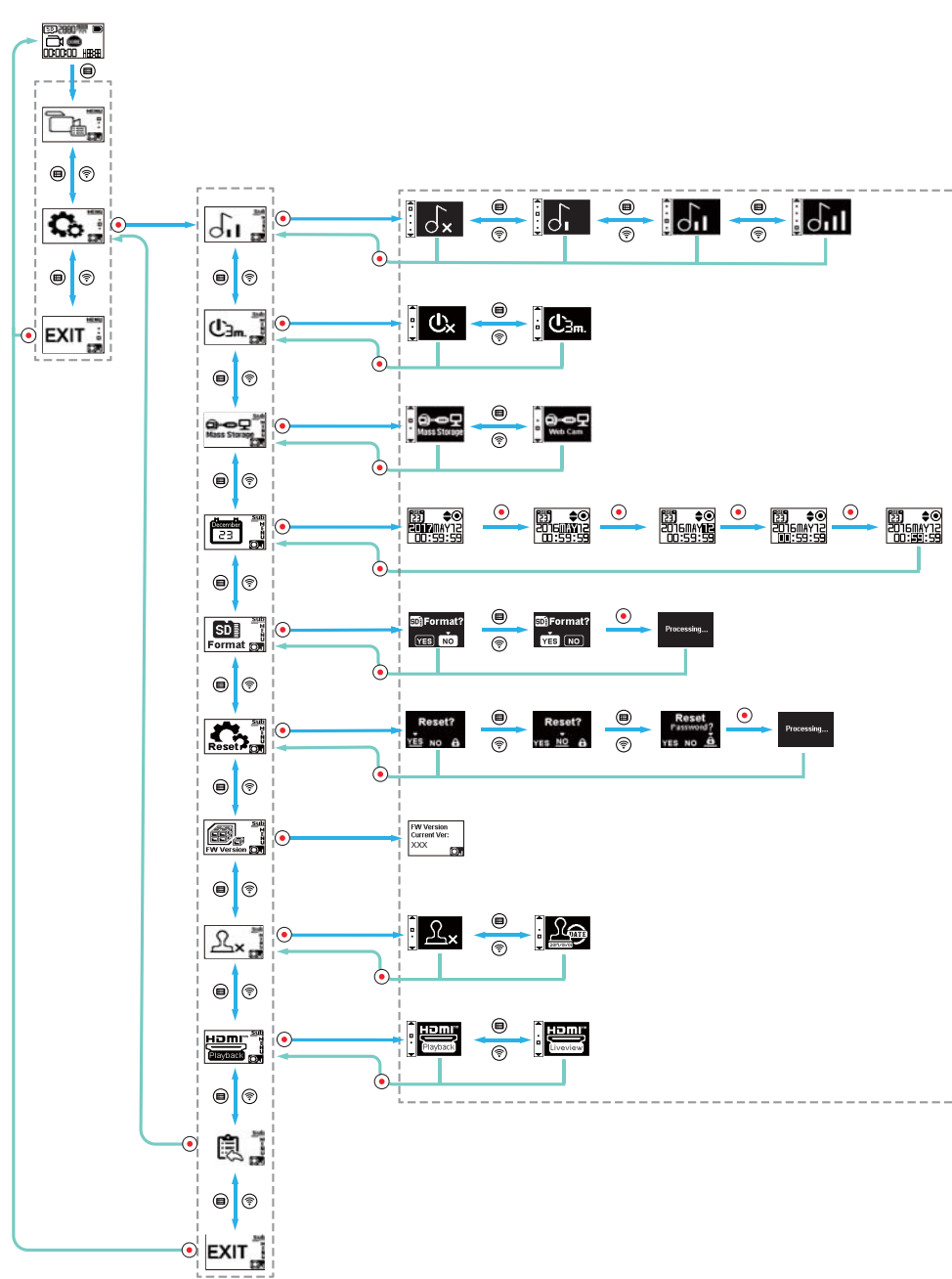
 Number of photos that can be stored:

Photo size	8GB	16GB	32GB	64GB	128GB
27M	388	783	1560	3056	6143
15M	680	1372	2735	5357	10768
27M[∞]	388	783	1560	3056	6143
15M[∞]	680	1372	2735	5357	10768
13M	761	1536	3061	5960	11979
9-M	1086	2191	2080	8515	17114
8-M	1217	2455	4892	9537	19167

General Settings



Sub-menu




Advanced setting

Selectable items

■ Sound

Set the sound of the product.



There are 4 options:

-  Sound_Off
-  Sound 1
-  Sound 2
-  Sound_On

■ Power off

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

There are 2 options:

-  3 minutes
-  Off

■ USB connection mode

The mode of connecting the Micro USB wire to the computer is set. If there is need to read or save videos, please select "Mass Storage". If there is need to serve as a video chat (Skype) camera, please select "Web Cam".





There are 2 options:

-  Mass storage
-  Web cam

 When the webcam is used, the power can only be supplied by the battery, so a fully charged battery is recommended.

■ Date / Time

Set the date and time of the product.

1. The display shows the date and time setting screen, "Year Month Day Hour : Minute : Second";
2. The item to be adjusted will be highlighted with a black background color, press the  or  button to adjust the value, press the  button to confirm;
3. After adjusting the "Minute" value, press the  button to enter the advanced setting interface.




■ **Format** 

Format can clear all data stored in the memory card.

There are 2 options:

- **YES** Confirm
- **NO** Cancel

If select **YES**, press the  button to start formatting, and return to the advanced Setting interface after finishing.

■ **Reset settings** 

Reset settings can recover all product settings to the factory defaults (except for date and time).

There are 2 options:

- **YES** Confirm
- **NO** Cancel **NO** Reset Password

If select **YES**, press the  button to start resetting, and return to the advanced Setting interface after finishing.

■ **FW version** 

FW version can display the current version. Press the  button to return to the advanced Setting interface.

When a new version is stored in the memory card, the firmware can be updated.

There are 2 options:

- **YES** Confirm
- **NO** Cancel

If select **YES**, press the  button to start updating, and the product will automatically shut down after finishing.

 If the low battery warning is shown, charge the battery before updating the firmware.

■ **Date stamp**

Include a Date stamp on the photo image.

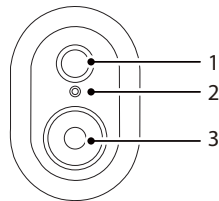
There are 2 options:



-  Date stamp_on
-  Date stamp_off

Remote Control-D



Remote Control Appearance



1.  Bluetooth signal test button
2. Connect and shooting status indicator lamp
3.  Recording / Shooting button

Specifications

Model: RR-BK04

Dimension: 30×20×13.7mm

Weight: 27±2g (including battery)

Dust proof: IP6X

Temperature: -10 to 40°C

Humidity: 0-90%

Battery: button cell CR2032

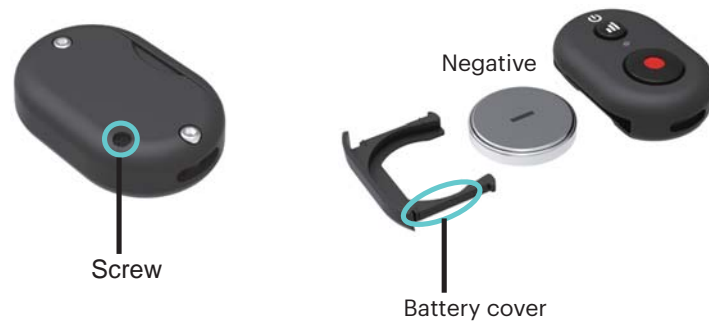
Before using:

Pull out the insulating strip completely prior to operating the remote control.




Installing the Battery:

Use a screwdriver to remove the screw by turning it counterclockwise (Fig. 1), open the battery cover and insert the batteries (Fig. 2), and close the battery cover and rotate the screw in the opposite direction.

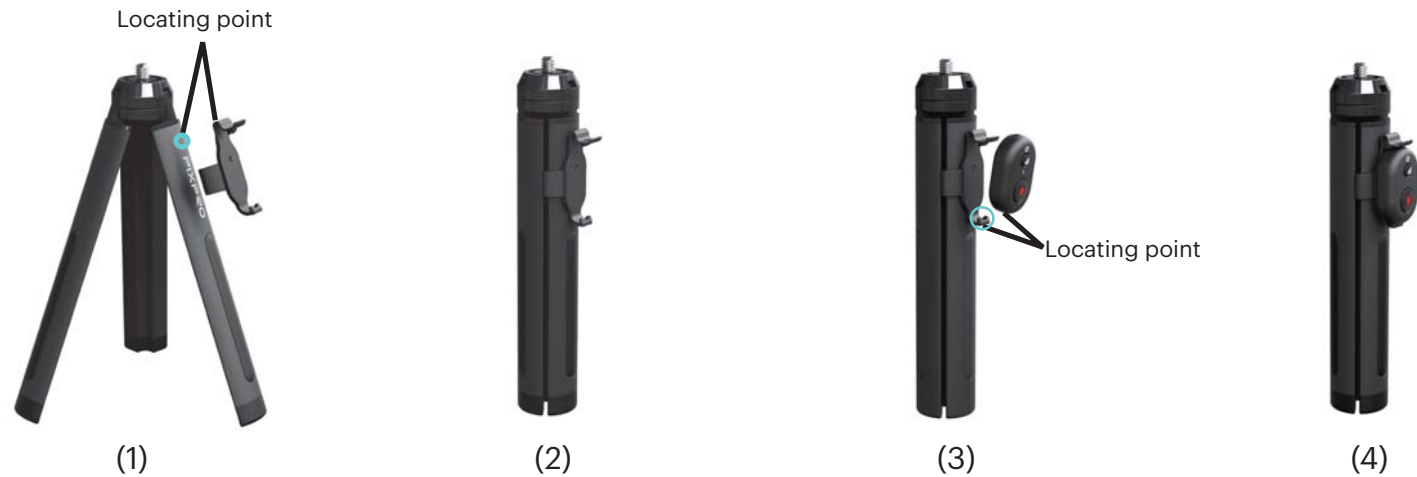


Install the mini remote control and tripod:

1. Press the mini mount onto the tripod (Fig. 1). And then close the tripod (Fig. 2).

 Align the mount anchor point to the tripod anchor point.

2. Pick up the mini remote control and align it with the two location holes at the bottom of the mount (Fig. 3), and align the remote control to the two locating points at the top of the mount (Fig. 4).

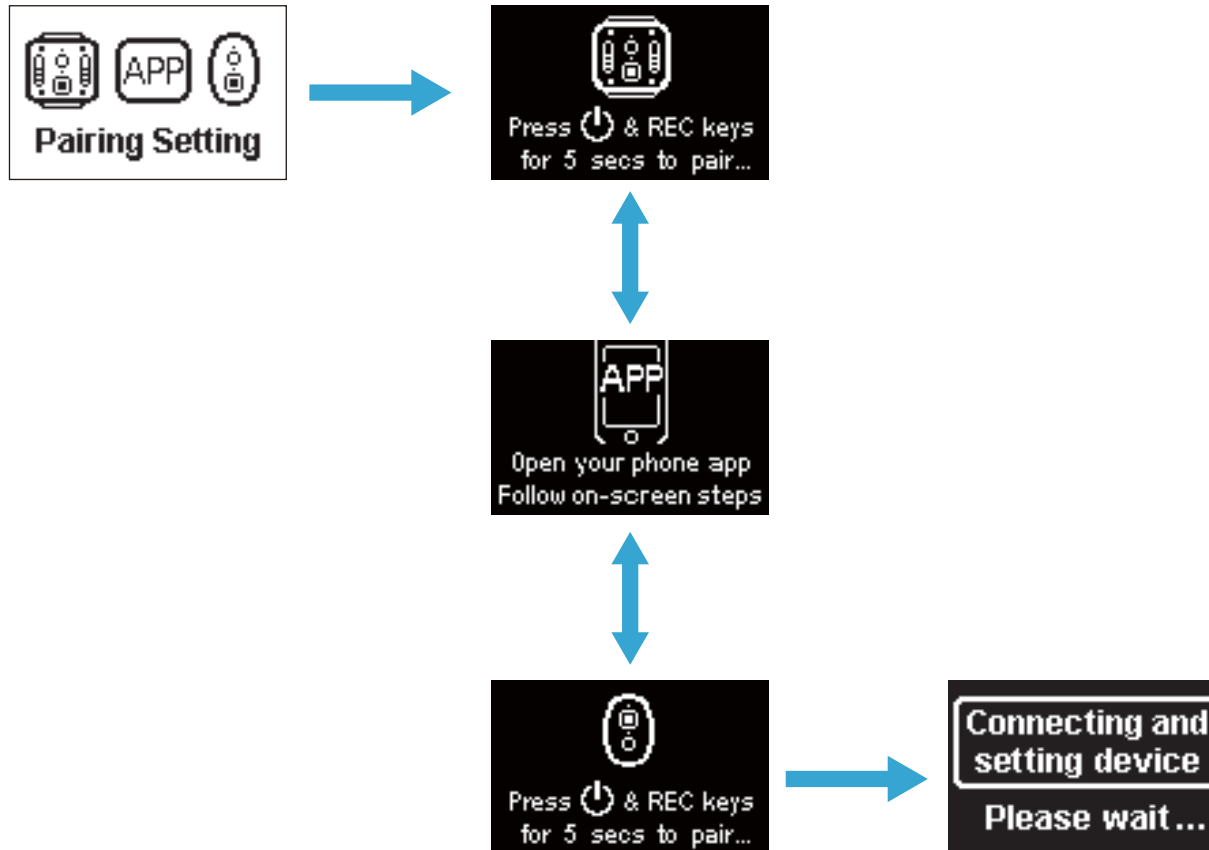




How to pair:


1. Pair the camera and remote control

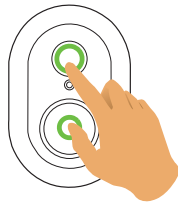
Method of one remote control for one camera:



With the camera turned on, press the  button for 2 seconds to enter the pairing mode.




Press and hold the  and  buttons on the remote control simultaneously until pairing is successful.


 While pairing, the remote control shall be closer to the camera.







2. Press the  button on the remote control to start shooting or recording, and press the  button again to stop recording.



 Other parameters are set the same as the current settings of the camera at the same mode.

3. To terminate remote control, press  the button.

In case of successful pairing between the camera and the remote control:

1. If the camera is powered off, the camera is powered on and start recording by pressing the  button on the remote control.
 2. The camera is powered on or whether the remote control is paired successfully is tested by pressing the  button. The camera will be powered off by pressing and holding the  button (more than 1.5 seconds).
 3. For the mini remote control, all settings or parameters of shooting or recording are the same as those of the camera.
-  Upon successful pairing, both the remote control and camera will remember the BlueTooth information.

Indicator lamp status description:

1. If pairing succeeds, the signal indicator lamp turns green.
2. If pairing fails, the signal indicator lamp turns red.
3. When recording or shooting with a mini remote control, the shooting status indicator lamp turns red.
4. When the remote control's battery level is less than 20%, the indicator turns orange.

Precautions:

1. If the Wi-Fi (NFC), HDMI connection or computer connection of the camera are already enabled, the remote control function is unavailable.
2. The remote control operates at band 2.4GHz. Since microwave ovens, radios and amateur radios also use the same cyclic wave, it is possible to generate radio interference.
3. Before using the remote control, make sure there are no other electronic devices or radio stations, etc. around. Please use it in an environment with better permeability and free from obstructions.
4. Radio interference and other reasons may cause malfunction of the remote control. Pay attention to the actual condition of the camera when using the remote control.

Remote Control-C (Optional)

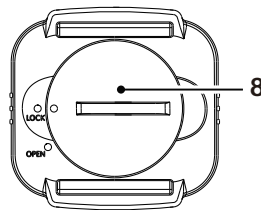
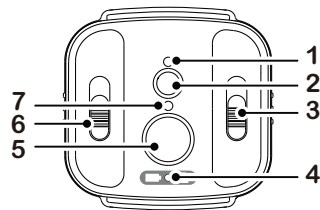




A remote control can be used for remotely controlling the camera at a long distance.

The remote control is optional. If you need one, contact the local retailer to buy or access <http://kodakpixpro.com> for details of customer service.

You can wear the remote control on your wrist to perform long-distance control on the camera by operating the remote controller.

Remote Control Appearance



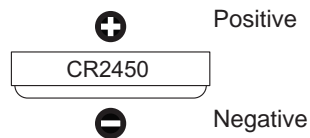
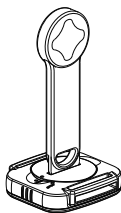
1. Signal indicator lamp
2.  Signal test button
3. Shooting mode switch
4. Battery/Memory card indicator lamp
5.  Recording / Shooting button
6. VR/Round/Front mode switch
7. Shooting status indicator lamp
8. Battery cover

Specifications

Model: RR-WH03
Dimension: 47×48×13.7mm
Weight: 27g (including battery)
Water proof: 5m (16 feet)
Crash proof: 2m (6.5 feet)
Dust proof: IP6X
Temperature: -10 to 40°C
Humidity: 0~90%
Battery: button cell CR2450

Installing the Battery:

Open the battery cover plate with the included accessories tool in a counter clockwise direction. Insert the battery with the anode facing upward. Replace cover plate over battery and turn clockwise to lock into place.

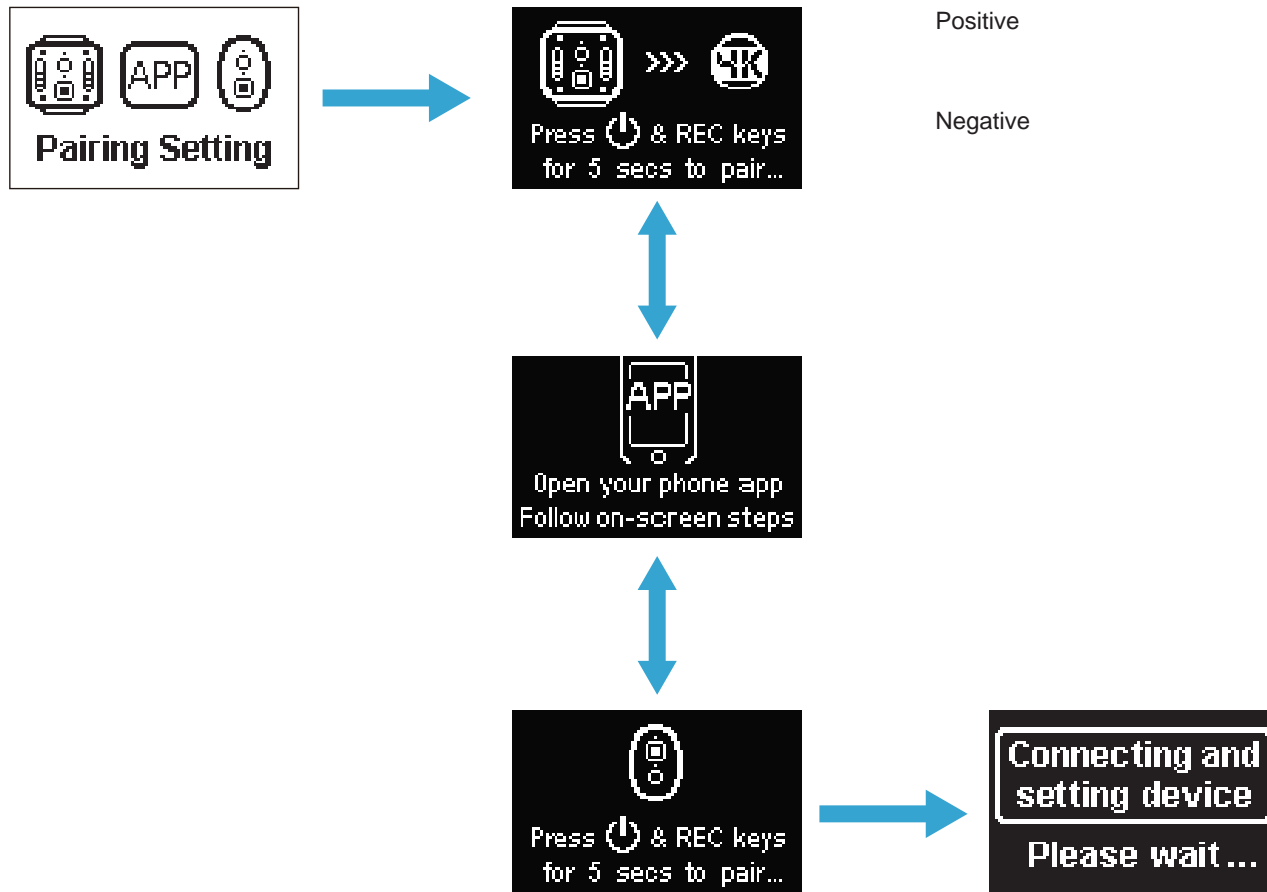


How to pair:


1. Pair the camera and remote control

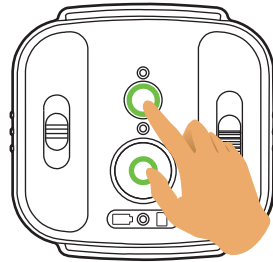
Method of one remote control for one camera:






In the camera boot state, press the  button for 2 seconds to enter the pairing mode.

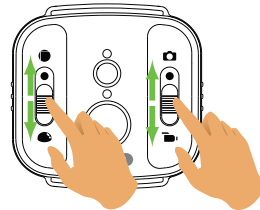



Press and hold the  and  buttons on the remote control simultaneously until pairing is successful.



 While pairing, the remote control shall be closer to the camera.

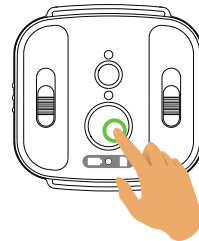


2. Set the desired shooting mode (movie mode , or snap shot photo mode ) and the display mode (VR , Round , Front )







 Other parameters are set the same as the current settings of the camera at the same mode.

3.. Press the  button on the remote control to start shooting or recording, and press the  button again to stop recording.





4. To terminate remote control, press  the button.

In case of successful pairing between the camera and the remote control (the camera is capable of memorizing the remote control paired successfully last time):

1. If the camera is powered off, the camera is powered on and start recording by pressing the  button on the remote control.
2. The camera is powered on or whether the remote control is paired successfully is tested by pressing the  button. The camera will be powered off by pressing and holding the  button (more than 1.5 seconds).
3. When the  button on the remote control is pressed to start recording or shooting, the camera works with the current setting of the remote control.

 If the camera has been powered off for more than 6 hours, it is impossible to power on the camera directly with remote control.

 The Bluetooth information will be recorded by the remote control and camera after successful pairing.

You can press the  button of camera to turn it off in Bluetooth connection.

Indicator lamp status description:

1. If pairing succeeds, the signal indicator lamp turns green.
2. If pairing fails, the signal indicator lamp turns red.
3. During remotely controlled recording or shooting, the shooting status indicator lamp turns orange. When using "Multi Control", the shooting status indicator lamp will not illuminate.
4. When the battery level of the camera is less than 25% or the memory card is full, the battery/memory card indicator lamp turns red.

Using Interfacing

Micro USB interface


Charging



Using an external power supply

In case of low battery power, or when a long-term power supply is needed, an external power supply (AC adapter, vehicle power supply, portable power supply or other power unit) can be used instead of a battery. At this time, the setting of functions, photography, and other operations can be performed.

When powered on, use the Micro USB cable to connect the camera to an external power supply. When connected with an external power supply, "⏻" will be displayed on the LCD.

When powered off, use the Micro USB cable to connect the camera to the external power supply. Press the  button to power on. When connected to an external power supply, "⏻" will be displayed on the LCD.



 Requirements for the external power supply: output power of 5 V, output current of 1 A.

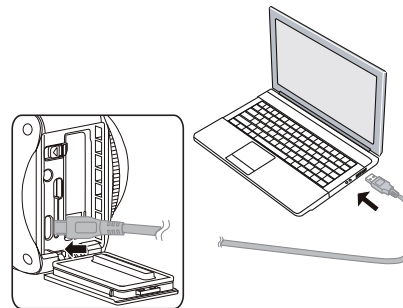
 Insert the battery into the camera before using an external power supply to charge.

Data transmission

Use the Micro USB cable to connect the camera to a computer and copy files from the camera to the computer.


The steps are as follows:

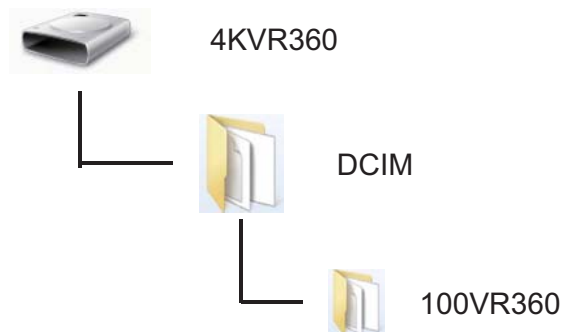
1. Set the USB connection mode as  in the camera menu.
2. Use the Micro USB cable to connect a computer (on) to the camera (on). During the connection, the camera will display "", and the computer will automatically detect the camera.



3. Open the camera folder on the computer to copy your files to the computer. After the transmission is completed, please unplug the USB cable in a safe manner according to the computer's settings.

4. The camera will automatically shut down when the Micro USB cable is unplugged.

 Your computer operating system version needs to be Mac OS X10.9 and above or Window 7 and above.



The folder structure of a microSD card on which this unit has performed recording is as follows.
 Example folder structure of a microSD card:

Folder numbers range from 100 to 999. Four or eight alphabetic characters after a three-digit number indicate the file type.

A. Still pictures in JPEG format (Each folder stores a maximum of 999 still pictures)

- Folder numbers range from 100 to 999. Four alphabetic characters indicate the camera lens type. Five or eight alphabetic characters indicate the file type.

The character shows the camera lens type used in the shot:

3600 Spherical / VR Mode : _

155 Degrees 4K [16:9] Full Frame Mode : F

235 Degrees Spherical Mode: R

- VR files formatted (Each folder stores a maximum of 9999 still pictures)
 Still pictures in jpg format
 Movie files in mp4 format

ⓘ The size of a video file will not exceed 4G or the time length will not exceed 30 minutes.
 When a new file is generated automatically during recording, the recording process will not be interrupted.
 Recording in time-lapse mode may last for up to 72 hours.

ⓘ The video files recorded by 4KVR360 cannot be played in the application program (Windows Media Player) supplied with Windows7. Play using the application program dedicated for 4KVR360.

Webcam

Connect the camera and computer via a Micro USB cable and use the camera as a Webcam.

1. Download the drivers for the app "PIXPRO 4KVR360 UVC" from the official website and install it onto the computer as prompted on the screen.





Americas

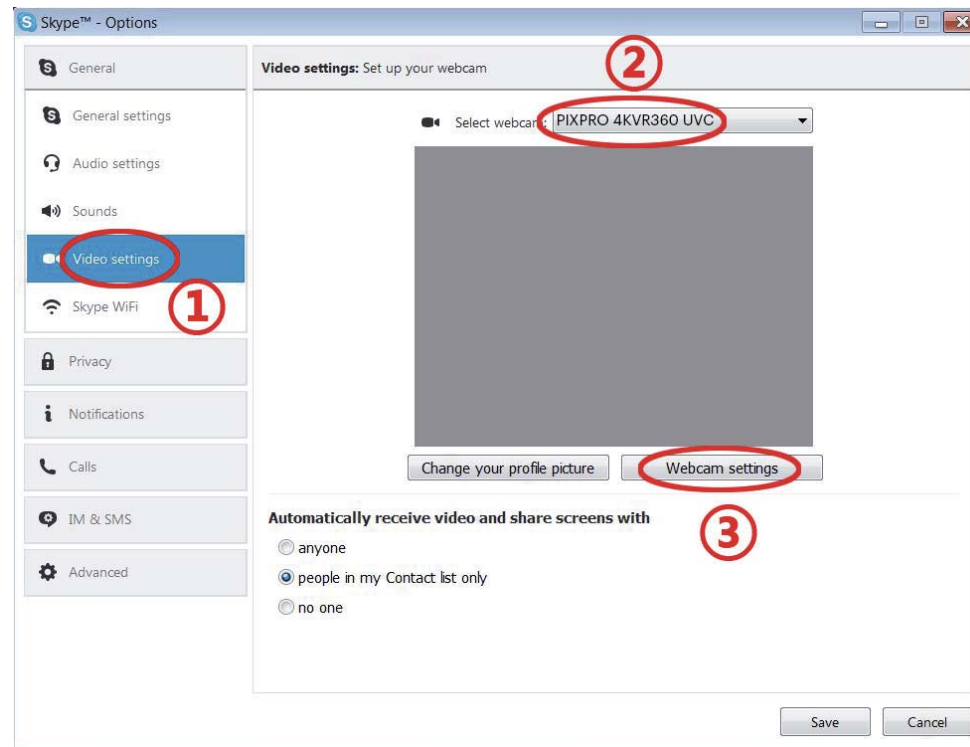
<http://kodakpixpro.com/Americas/support/downloads.php>



Europe

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

2. Set the USB connection method as  from the camera menu.
3. Connect the computer (turned on) and camera (turned on) via a Micro USB cable. While connecting, the camera displays "" and the computer detects the camera automatically.
4. Open the video software (Skype) in the computer, and select "Options..." from "Tools". Click on "Video settings" and select "PIXPRO 4KVR360 UVC" as the video input device. By clicking on "Webcam settings", you may change various settings.





5. Change the desired settings and click on “OK” to exit.

 The image size can be adjusted on your computer. If you choose a resolution of 1280×720, the image will be displayed at an aspect ratio of 16:9.

 This function supports Windows 7 and higher OS. (Graphics GPU must support Direct3D 10.)

 Applicable video software: Skype™.

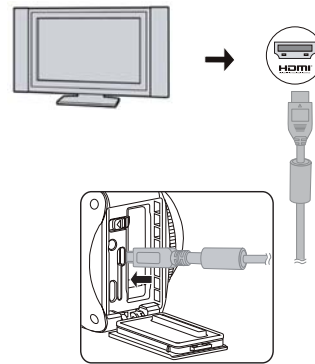
 The Webcam consumes battery power, so we recommend you use fully recharged batteries. (In case of fully recharged batteries and HD image quality, it may work about 6 hours.)



 The Webcam function is not available if no batteries are inserted into the camera.

 While using the Web Cam mode, the camera can only be connected to the USB interface with CDP feature, and it may consume the battery power. (Please connect to the USB interface with the camera turned on.)








Micro HDMI interface

The television (on) up to the HDMI standard and the camera (on) are connected by use of a Micro HDMI wire (bought independently).








After the connection succeeds, the documents in the memory cards of the camera are displayed on the television, while  or  is displayed on the camera.


The shooting and playback functions can be realized by use of the camera:

1. Press the  button to switch between the video playback mode, the photo playback mode and the shooting mode.
2. Press the  or  button to browse the documents in the playback modes.
3. Press the  button to start playing and press the  button again to stop playing while playing back the recording documents.
4. Set parameters according to requirements in the menu firstly in the shooting mode, and then return to the main screen, press the  button to shoot or start recording, and press the  button again to stop recording.

 In the liveview screen, the frame rate depends on the size of the video or photo.


The playback function can be realized by use of the television remote control:

1. Press the left and right keys to switch the documents.
2. Press  to return to shooting screen.
3. Press  to hide or display the screen information.
4. For browsing the video document, press the central key to start playing, press the left key to fast reverse, press the right key to fast forward, and press the central key again to pause playing.
5. Press  to delete the current document and select  to confirm deletion.
6. Press  to stop playing.

 Only the HDMI television having the CEC (Consumer Electronics Control) function supports the function.

Download and Install App

● Smart Device:

Download the App installation package (App name: PIXPRO VR360)  to your smart device from the path below, and install it by following the instructions on the interface.

For Android devices, search and download the App "PIXPRO VR360" in Google play, and install it by following the instructions on the interface.



For iOS devices, search and download the App "PIXPRO VR360" in App Store, and install it by following the instructions on the interface.



● PC:

Download Application "PIXPRO VR UTILITY" (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>


 Please review the following items before your first connection:

1. 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.
2. Please do not use Wi-Fi or NFC connection functionality on a plane.
3. To maintain in connection, please keep 4KVR360 within 10 meters (32.8 feet) without signal shielding interference.
4. 4KVR360 and the smart device can only be connected one to one.
5. 4KVR360 and PC only can be connected one to one.
6. Your smart device operating system version needs to be iOS 9 or higher, or Android 5.0 or higher. iPad mini1 / iPad 4 / iPhone 5c and earlier models (any system versions) do not support this App.
7. Your computer operating system version needs to be Mac OS X10.9 and above or Window 7 and above.

Connect camera to smart device (or PC) with Wi-Fi.

Operation method:

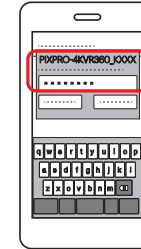
1. Camera:

Check SSID (Service Set Identifier) (PIXPRO-4KVR360_KXXX) and password (initial password: 12345678) indicated on the label in the battery compartment of the camera. **With the camera turned on, press the  button for 2 seconds to enter the pairing mode:**



2. Smart Device or PC:

Enable Wi-Fi mode, it will automatically search the nearby Wi-Fi hotspots. Select the one with the same SSID (PIXPRO-4KVR360_KXXX) and input the password.





3. Camera:

When the Wi-Fi connection is successful, enter the Wi-Fi connection interface.



4. Smart Device or PC:

When connected via Wi-Fi, you can tap the App icon  on the smart device to start it; or double-click the App icon  on the desktop of the computer to start it.

5. Camera:

When the App is connected to the camera, the App connected interface will appear.



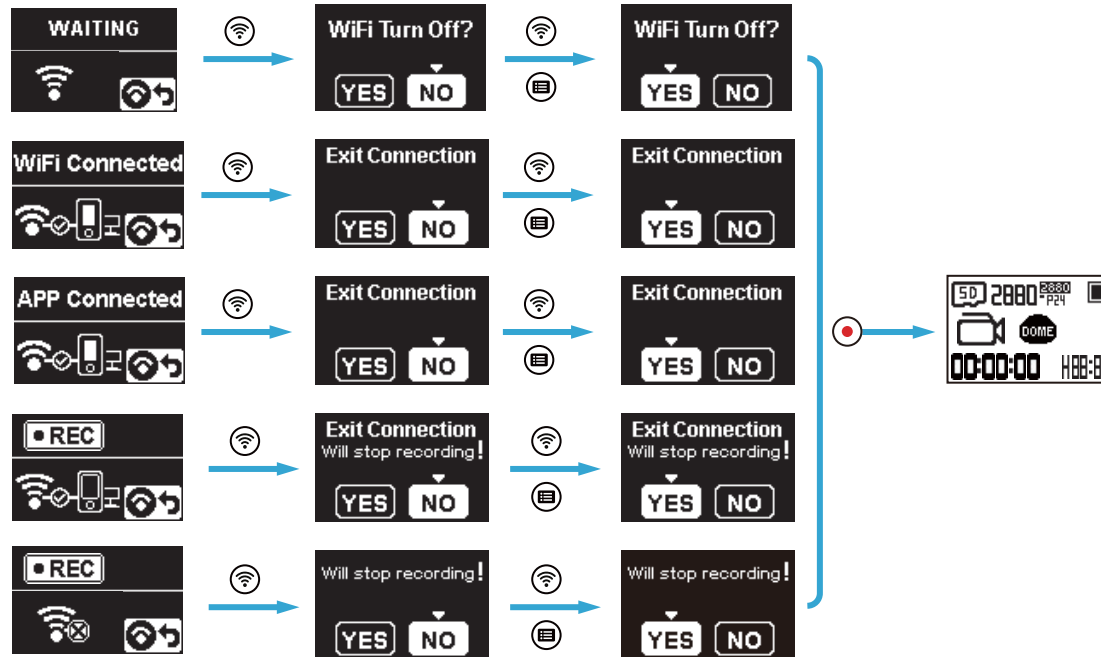
When recording is started via the App, the recording interface will appear on the camera.



④ If the Wi-Fi connection is cut off while recording, the camera will continue to record and enter the connectionless recording interface.

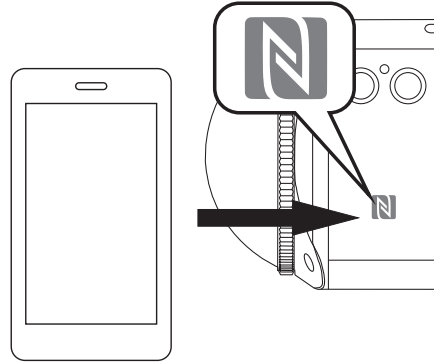


④ When  displays in the interface, press the  button, and press the  or  button to select **YES**, and then press the  button to exit the Wi-Fi connection.




Connect camera to smart device with NFC

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 will open automatically on your smart device.

 The NFC feature will only be available when your smart device's screen is unlocked.

Appendices

Specifications








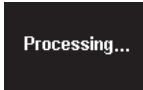

 Design and specifications are subject to change without notice.







Image Sensor A	Type	1/2.3" BIS CMOS
	Effective Pixels	20.68 Megapixels
	Total Pixels	21.14 Megapixels
Lens A	Focal Length	1.633mm
	Equivalent to 35mm film	9.18mm
	F Number	F2.4
	Lens Construction	7 groups 8 elements
	Focus	Fix Focus
	Field of View	Max. 197 Degree [For Front Mode (16:9)]
		Max. 155 Degree [For VR Mode (2:1)]
Focusing Range	30cm~∞	
Image Sensor B	Type	1/2.3" BIS CMOS
	Effective Pixels	20.68 Megapixels
	Total Pixels	21.14 Megapixels
Lens B	Focal Length	1.257mm
	Equivalent to 35mm film	7.08mm
	F Number	F2.4
	Lens Construction	7 groups 8 elements
	Focus	Fix Focus
	Field of View	Max. 235 Degree
	Focusing Range	30cm~∞
Anti-Handshake	Electronic Image Stabilization	

Number of Recording Pixels	Still Image	27MP: 7360x3680 (2:1)	Stitched	VR Mode	
		15MP: 5520x2760 (2:1)			
		27MP: 7360x3680 (2:1)			
		15MP: 5520x2760 (2:1)	Global		
		13MP: 3680x3680 (1:1)	Round Mode		
		8MP: 3840x2160 (16:9)	Front Mode		
		9MP: 3525x2644 (4:3)			
	Movie	(2:1)			
		3840x1920/24fps	Global	VR Mode	
		3840x1920/15fps	Stitched		
		1920x960/30fps			
		(1:1)			
		2880x2880/24fps	Round Mode		
		1920x1920/30fps			
		(16:9)			
		3840x2160/30fps	Front Mode		
		1920x1080/60fps			
		1280x720/60fps			
		High-speed Movie :			
		1280x640/120fps(2:1)	VR Mode		
1280x720/120fps(16:9)	Front Mode				
File Format	Still Image	Exif 2.3 (JPEG)			
	Movie	MP4 [Image: H.264; Audio: AAC(Stereo)]			
Camera Modes	VR Mode (Lens A and Lens B), Round Mode (Lens B), Front Mode (Lens A)				
Shooting Modes	Photo, Burst Mode, Movie, Hi-Speed Movie				
Splash proof	Equivalent to JIS/IEC IPX5 (Body)				
Shockproof	Up to 2m (with lens cover)				
Dustproof	Equivalent to JIS/IEC (IP6X)				

Freeze-proofing	-10°C	
LCD	1.0 inch TN LCD (With Backlight)	
Level Gauge	3-axis	
ISO Sensitivity	Auto (100~1600) (Photo)	Auto (100~800) (Movie)
Exposure Metering Method	Artificial Intelligence AE (AiAE)	
Exposure Control Method	Program AE	
Burst	Supported	
White balance	Auto white balance, Daylight, Cloudy, Fluorescent, Incandescent, Underwater	
Recording Media	Internal Memory: No	
	microSD / microSDHC / microSDXC Card (Up to 256GB Support)	
Language	English	
Interface	USB 2.0 (Micro 5 pin USB) , HDMI (Type D), Stereo Microphone Input (Diameter of 2.5mm)	
Wi-Fi	Supported (802.11b/g/n)	
NFC	Supported	
Bluetooth	Supported(BLE4.1)	
Remote Control-D	Supported	
Remote Control-C	Supported(Option)	
Power	Rechargeable Li-ion Battery LB-080, 3.6V 1250mAh, In-Camera Charging	
Shooting Capability (Battery Performance)	Approx. TBD shots (Based on CIPA Standards) (Wi-Fi on) Approx. TBD minutes for Video (@3840×2160/30fps) (Wi-Fi on)	
Operation Environment	Temperature: -10 ~ 40°C, Humidity: 0 ~ 90%	
Dimensions (W×H×D)	Approx.55.0×55.0×66.9 mm (Without lens cover) (Based on CIPA Standards)	
Weight	Approx. 130g (Only body) Approx. 156g (With battery and memory Card)	

Prompts and Warning Messages

Message	Description	Processing mode
	<ul style="list-style-type: none"> ■ There are too many files, which may cause a delay to power on. ■ When pressing the  button for shooting, the memory card cannot be accessed because there are too many folders. 	<ul style="list-style-type: none"> ■ After copying the files to the computer, choose to delete or format.
No Card	<ul style="list-style-type: none"> ■ No memory card is detected in the camera. 	<ul style="list-style-type: none"> ■ Insert the memory card.
	<ul style="list-style-type: none"> ■ When turning on the product or pressing the  button, the product detects that the memory card is out of capacity. 	<ul style="list-style-type: none"> ■ After copying the files to the computer, choose to delete or format.
	<ul style="list-style-type: none"> ■ The memory card still cannot be recognized after format. ■ An error occurs when reading the memory card. ■ Interruption is encountered during shooting or recording so it cannot be shooting or recording any further. 	<ul style="list-style-type: none"> ■ Format the memory card.
	<ul style="list-style-type: none"> ■ When the writing speed is too slow, recording will not continue. 	<ul style="list-style-type: none"> ■ Please select a Class 10 memory card or above. A memory card of Class 10 or above may remind you of being too slow due to the card condition.
	<ul style="list-style-type: none"> ■ File processing (saving, formatting, etc.) time exceeds 2 seconds. 	<ul style="list-style-type: none"> ■ User should do nothing.
	<ul style="list-style-type: none"> ■ Connecting to the computer or TV. 	<ul style="list-style-type: none"> ■ The display will disappear after connection is successful.

Message	Description	Processing mode
	<ul style="list-style-type: none"> ■ The camera is set as "Mass Storage", connecting to the computer USB. 	<ul style="list-style-type: none"> ■ User should do nothing.
	<ul style="list-style-type: none"> ■ The camera is set as "Web Cam", connecting to the computer USB. 	<ul style="list-style-type: none"> ■ User should do nothing.
	<ul style="list-style-type: none"> ■ Connecting to the HDMI device. 	<ul style="list-style-type: none"> ■ User should do nothing.
	<ul style="list-style-type: none"> ■ A warning for low battery before shutting down automatically. ■ The firmware cannot be updated when power is insufficient. 	<ul style="list-style-type: none"> ■ Charge or replace with a new battery.
	<ul style="list-style-type: none"> ■ Updating firmware. 	<ul style="list-style-type: none"> ■ User should do nothing. The product will turn off automatically after the update is completed.
	<ul style="list-style-type: none"> ■ The product will automatically shut down when the battery temperature becomes too high. 	<ul style="list-style-type: none"> ■ Remove the battery carefully when the product is shut down. The battery will be good to use again after cooling down.

Trouble Shooting

Problem	Possible causes	Solution
Product does not turn on	<ul style="list-style-type: none"> ■ The battery has been depleted. ■ The battery is installed incorrectly. 	<ul style="list-style-type: none"> ■ Charge the battery. ■ Please follow the charging instructions in the manual to install the battery.
Blurred images	<ul style="list-style-type: none"> ■ There is dirt on the lens or the lens cover. 	<ul style="list-style-type: none"> ■ Clean with a clean, lint-free dry cloth.
Failed to connect Wi-Fi	<ul style="list-style-type: none"> ■ Wrong password entered. 	<ul style="list-style-type: none"> ■ Please re-enter the password. If you have forgotten the changed password, you can use the reset function to restore the password (initial password: 12345678)
Slow Wi-Fi connection	<ul style="list-style-type: none"> ■ There are too many programs running simultaneously on the smart device. 	<ul style="list-style-type: none"> ■ Please close other unnecessary programs running on the smart device.
Micro USB connection failure.	<ul style="list-style-type: none"> ■ Choose the wrong USB connection mode 	<ul style="list-style-type: none"> ■ Confirm the USB connection mode set in the menu. If there is need to read or save videos, please select Mass Storage. If there is need to serve as a video chat (Skype) camera, please select Web Cam.

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