

PENTAX

WG-8

Start Guide

The serial number is located inside the battery/card cover.

Model: R08050

Regarding User Registration

Thank you for purchasing the PENTAX WG-8.

In order to provide you with the best customer support and service experience for the product you have purchased, we ask you to complete the user registration.

Visit the following website to complete the user registration.

<https://www.ricoh-imaging.com/registration/>

Registered users will be notified by e-mail about important customer support information, such as firmware version updates, etc.

Introduction

This Start Guide provides information on the preparation and basic use of the camera. For proper camera operation, thoroughly read this Start Guide before using the camera. Be sure to keep this Start Guide for future reference.

For detailed information on how to use the camera, refer to the Operating Manual (PDF in English) available on the RICOH IMAGING COMPANY website. (p.55)

It is recommended to update the camera firmware to the latest version before using the camera.

For details on the latest firmware version, refer to the following firmware download site.
<https://www.ricoh-imaging.co.jp/english/>

RICOH IMAGING COMPANY, LTD.

Safety precautions	Read all safety precautions thoroughly to ensure safe use.
Test shots	Take test shots to ensure that the camera is working properly before taking pictures on important occasions.
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Exemption from liability	RICOH IMAGING COMPANY assumes no liability for failure to record or display images as a result of product malfunction.
Radio interference	Operating this camera in the vicinity of other electronic equipment may adversely affect both the camera and the other device. Interference is particularly likely if the camera is used in close proximity to a radio/TV receiver. In such case, take the following measures. <ul style="list-style-type: none">• Keep the camera as far away as possible from the radio/TV receiver.• Reorient the antenna of the radio/TV receiver.• Use a different wall outlet.

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See: <https://www.via-la.com/>

Safety Precautions

Warning Symbols

Various symbols are used throughout this Start Guide and on the product to prevent physical harm to you or other people and damage to property. The symbols and their meanings are explained below.

	Danger	This symbol indicates matters that may lead to imminent risk of death or serious injury if ignored or incorrectly handled.
	Warning	This symbol indicates matters that may lead to death or serious injury if ignored or incorrectly handled.
	Caution	This symbol indicates matters that may lead to injury or property damage if ignored or incorrectly handled.

Meaning of Symbols



The  symbol alerts you to actions that must be performed.



The  symbol alerts you to prohibited actions.

The  symbol may be combined with other symbols to indicate that a specific action is prohibited.

Example:

: Do not touch : Do not disassemble

Observe the following precautions to ensure safe use of this camera.



Danger



- Do not attempt to disassemble, repair, or alter the camera yourself. The high-voltage circuitry in the equipment poses significant electrical hazard.



- Do not attempt to disassemble, alter, or directly solder the battery.



- Do not put the battery in a fire, attempt to heat it, or use or leave it in a high temperature environment such as next to a fire or inside a car. Do not put it into water or the sea or allow it to get wet.



- Do not attempt to pierce, hit, compress, drop, or subject the battery to any other severe impact or force.



- Do not use a battery that is significantly damaged or deformed.

Warning



- Turn off the power immediately in the event of abnormalities such as smoke or unusual odors being emitted. Remove the battery as soon as possible, being careful to avoid electric shocks or burns. If you are drawing power from a household electrical outlet, be sure to unplug the power plug from the outlet. Failure to observe this precaution could result in fire or electric shocks. Contact the nearest service center at your earliest convenience. Stop using the camera immediately if it is malfunctioning.



- Turn off the power immediately if any metallic object, water, liquid, or other foreign object gets into the camera. Remove the battery and memory card as soon as possible, being careful to avoid electric shocks or burns. If you are drawing power from a household electrical outlet, be sure to unplug the power plug from the outlet. Failure to observe this precaution could result in fire or electric shocks. Contact the nearest service center at your earliest convenience. Stop using the camera immediately if it is malfunctioning.



- If the monitor is damaged, avoid any contact with the liquid crystal inside it. Follow the appropriate emergency measures below.
- SKIN: If any of the liquid crystal gets on your skin, wipe it off and rinse the affected area thoroughly with water, then wash well with soap.
- EYES: If it gets in your eyes, wash your eyes with clean water for at least 15 minutes and seek medical advice immediately.
- INGESTION: If any of the liquid crystal is ingested, rinse the mouth out thoroughly with water. Have the person drink a large amount of water and induce vomiting. Seek medical assistance immediately.



- Follow these precautions to prevent the battery from leaking, overheating, igniting, or exploding.
- Do not use a battery other than those specifically recommended for the camera.
- Do not carry or store the battery together with metal objects such as ball-point pens, necklaces, coins, and hairpins.
- Do not put the battery into a microwave or high pressure container.
- If leakage of battery fluid, a strange odor, color change, etc. is noticed during use or during charging, remove the battery from the camera or battery charger immediately and keep it away from fire.



- Observe the following in order to prevent fire, electrical shock, or cracking of the battery while charging.
- Use only the indicated power supply voltage. Also avoid the use of multi-socket adapters and extension cords.
- Do not damage, bundle, or alter the AC plug cord. Also, do not place heavy objects on, stretch, or bend the AC plug cord.
- Do not connect or disconnect the power plug with wet hands. Always grip the plug section when disconnecting a power plug. Do not cover the camera while charging the battery.



- Keep the battery and SD memory card used in the camera out of the reach of children to prevent accidental swallowing. The battery and memory card are harmful if swallowed. Seek medical assistance immediately.



- Keep the camera out of the reach of children. For children, accidents may occur because they cannot understand the contents of "Safety Precautions" and "Precautions for Use".



- Do not touch the internal components of the camera if they become exposed as a result of being dropped or damaged. The high-voltage circuitry in the equipment could lead to electric shocks. Remove the battery as soon as possible, being careful to avoid electric shocks or burns. Take the camera to your nearest dealer or service center if it is damaged.



- When using the camera in wet areas such as a kitchen, be careful not to wet the inside of the camera. Failure to observe this precaution could result in fire or electric shocks.



- Do not use the camera near flammable gases, gasoline, benzene, thinner, or similar substances. Failure to observe this precaution could result in an explosion, fire, or burns.
- Do not use the camera in a location where usage is restricted or prohibited, such as on airplanes. Failure to observe this precaution could result in an accident.



- Wipe off any dust that accumulates on the power plug. Failure to observe this precaution could result in fire.



- Do not use the battery charger or AC adapter with commercially available electronic transformers when traveling abroad. Failure to observe this precaution could result in fire, electric shocks, or product malfunction.



Caution



- Contact with fluid leaking from a battery can lead to burns. If part of your body comes in contact with a damaged battery, rinse the area with water immediately. (Do not use soap.)

If a battery starts to leak, remove it immediately from the camera and wipe the battery chamber thoroughly before replacing it with a new battery.



- Plug the power plug securely into the electrical outlets. Failure to observe this precaution could result in fire.



- Do not allow the camera interior to get wet. When operating the camera with wet hands, be careful not to get the camera interior wet. Failure to observe this precaution could result in electric shocks.



- Do not fire the flash at drivers of vehicles, as this may cause the driver to lose control and result in a traffic accident. Failure to observe this precaution could result in a traffic accident.



- Do not replace the battery with an incorrect type. Failure to observe this precaution could defeat a safeguard (for example, in the case of some lithium battery type).



- Do not dispose of the battery into fire or a hot oven, or mechanically crush or cut the battery. Failure to observe this precaution could result in an explosion.



- Do not leave the battery in an extremely high temperature surrounding environment. Failure to observe this precaution could result in an explosion or leakage of flammable liquid or gas.



- Do not subject the battery to extremely low air pressure. Failure to observe this precaution could result in an explosion or leakage of flammable liquid or gas.

Safety Precautions for Accessories

When using optional products, carefully read the user's manuals provided with the product before using that product.

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Checking the Contents of the Package



PENTAX WG-8



**Rechargeable
battery (DB-110)**



**Macro stand
(O-MS3)**

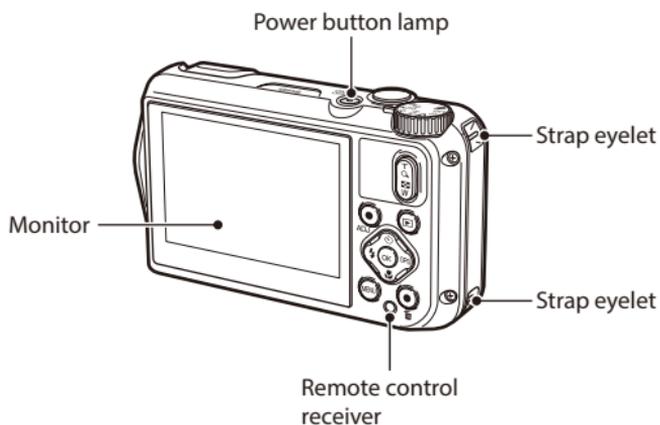
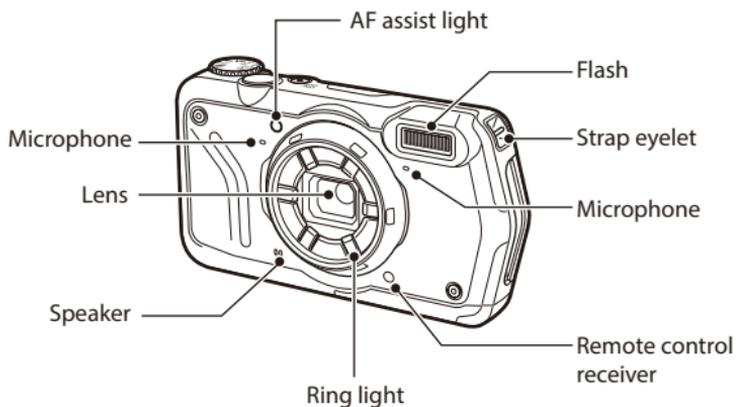
- **USB cable (I-USB173)**
- **Hand strap (O-ST104)**
- **Start Guide (this document)**
- **Regarding Waterproof Design**

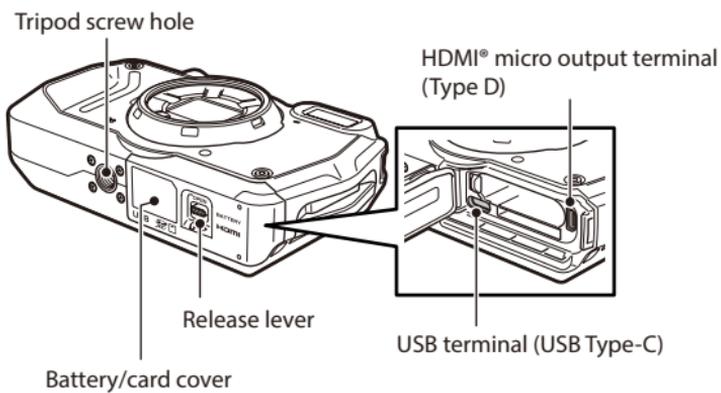


Macro Stand-----

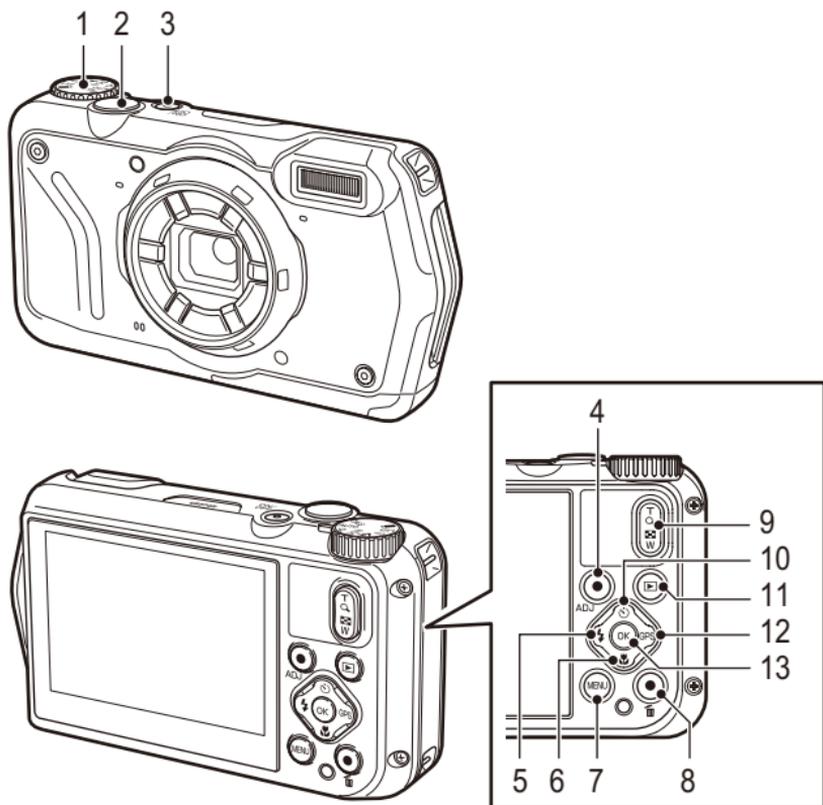
- The macro stand is used to keep a distance of 1 cm between the lens and the subject. Attach the macro stand to the camera by screwing it into the lens. You can use it in capture modes such as the digital microscope mode.

Names and Functions of the Working Parts





Operating Controls



1 Mode dial

Changes the capture mode.

2 Shutter release button (SHUTTER)

Press to capture images.

Press halfway to activate autofocus.

3 Power button

Turns the power on or off.

4 Movie/ADJ. button

In the still image mode, press to start and end the movie recording.

Calls ADJ. mode functions when the functions are assigned to the button.

5 Flash/Left button (FLASH/◀)

Changes the flash mode.

Moves the cursor to the left when an item is selected.

6 Focus/Down button (M/▼)

Changes the focus mode.

Moves the cursor down when an item is selected.

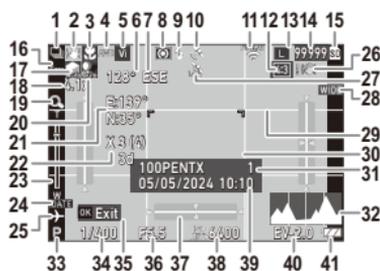
7 MENU button (MENU)

Displays a menu. Press this button while the menu is displayed to return to the previous screen.

- 8 Green/Delete button** ()
Press to perform shooting in the green mode.
When a function is assigned to the button, press to call the assigned function.
In the playback mode, press to delete images.
- 9 Zoom button** ( (T)/  (W))
Changes the zoom magnification.
- 10 Drive/Up button** ( / )
Changes the drive mode.
Moves the cursor up when an item is selected.
- 11 Playback button** ()
Switches between the shooting mode and the playback mode.
- 12 GPS/Right button** ( / )
Press and hold to turn the GPS function on or off.
Moves the cursor to the right when an item is selected.
- 13 OK button** ()
Switches the information displayed on the shooting screen and playback screen.
Confirms the selected items when setting a function.

Indicators on the Monitor

Shooting Screen



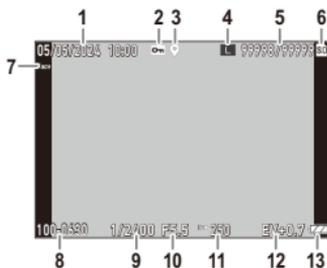
Still image mode



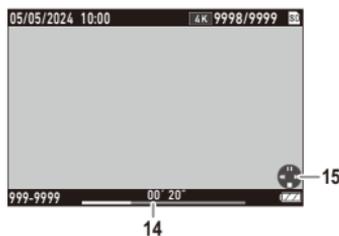
Movie mode

- | | | | |
|----|--|----|---|
| 1 | Drive mode | 23 | Zoom bar/Focus bar |
| 2 | Motion blur reduction/Movie SR | 24 | Date imprint |
| 3 | Focus mode | 25 | World time |
| 4 | White balance | 26 | Camera shake warning |
| 5 | Image tone | 27 | GPS lock |
| 6 | Electronic compass information (azimuth) | 28 | Conversion lens |
| 7 | Electronic compass direction | 29 | Grid guide |
| 8 | AE metering | 30 | Focus frame |
| 9 | Flash mode | 31 | Save destination folder/Number of files |
| 10 | GPS positioning status | 32 | Histogram |
| 11 | FlashAir communication status | 33 | Capture mode |
| 12 | Aspect ratio | 34 | Shutter speed |
| 13 | Recorded pixels | 35 | Operation guide |
| 14 | Number of storable images | 36 | Aperture value |
| 15 | Storage location | 37 | Electronic level |
| 16 | Face detection | 38 | ISO setting |
| 17 | Highlight correction | 39 | Date and time |
| 18 | Zoom magnification | 40 | Exposure compensation |
| 19 | Digital zoom | 41 | Battery level |
| 20 | Shadow correction | 42 | Recording indicator |
| 21 | GPS information | 43 | Recording time/Remaining recording time |
| 22 | GPS positioning quality | | |

Playback Screen



Still image mode



Movie mode

- 1 Shooting date and time
- 2 Image protection
- 3 GPS information
- 4 Recorded pixels
- 5 Current file/Total files
- 6 Data source
- 7 Face detection
- 8 Folder number/File number

- 9 Shutter speed
- 10 Aperture value
- 11 ISO setting
- 12 Exposure compensation
- 13 Battery level
- 14 Length of time of the recorded movie/
Elapsed time
- 15 Operation guide

Battery Level

The icon display changes depending on the battery level.

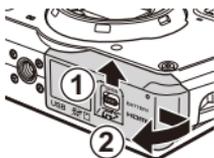
	The battery level is sufficient.
	The battery level started to drop.
	The battery level is low. Charge the battery.
	The camera will turn off soon.
	There is a problem with the battery.

Setting the Battery and a Memory Card

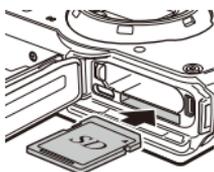
Inserting the Battery and a Memory Card

1 Make sure that the camera power is off.

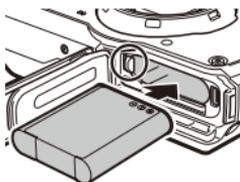
2 Slide the release lever on the bottom of the camera toward OPEN, and slide the battery/card cover to the right to open it.



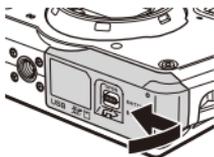
3 Make sure that the memory card is facing the right way and then push the card all the way in until it clicks.



4 Insert the battery.
To remove the battery, slide the latch.



5 Close the battery/card cover and slide it to the left.



Data Storage Location

Images taken and movies recorded with this camera are saved in the internal memory or a memory card.

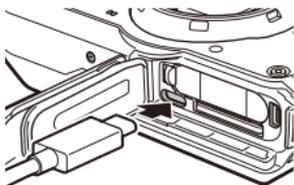


Memo

- Saved images can be copied between the internal memory and the memory card.
- The storage capacity varies depending on the memory card.

Charging the Battery

- 1** Open the battery/card cover, and connect the USB cable to the USB terminal.



- 2** Connect the USB cable to the USB power adapter.

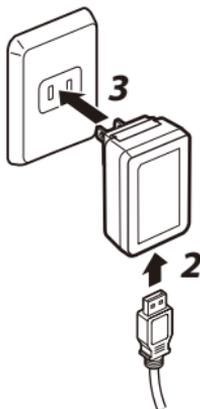
- 3** Plug the USB power adapter into a power outlet.

The power button lamp of the camera turns on and charging starts.

When charging is complete, the power button lamp turns off.

- 4** Remove the USB cable from the USB terminal, and close the battery/card cover.

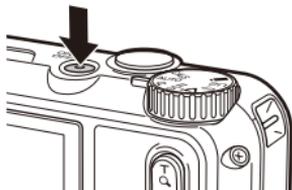
- 5** Unplug the USB power adapter from the power outlet.



Initial Settings

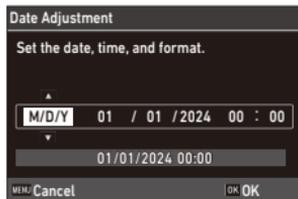
Turning the Camera On

- 1** Press the power button.
When the power button is pressed again, the power turns off.



Setting the Language and the Date and Time

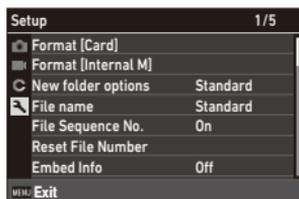
- 1** Use ▲▼ to select a language and press **OK**.
- 2** Set the display format and the date and time.
Use ◀▶ to select an item and ▲▼ to change the value.
Press **MENU** to cancel the setting.
- 3** Press **OK**.



Formatting a Memory Card

1 Press **MENU**.

2 Press **←**, and use **▲▼** to select **↻**.

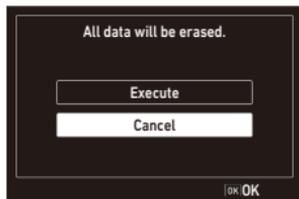


3 Press **▶**, select [Format [Card]], and press **▶**.

When formatting the internal memory, select [Format [Internal M]].

4 Use **▲** to select [Execute], and press **OK**.

The memory is formatted.



5 Press **OK**.

6 Press **MENU**.



Caution -----

- Do not remove the memory card while formatting, or the card may be damaged.

How to Change Function Settings

Using the Button

Using the Direct Keys

Quick settings are possible by pressing ▲▼◀▶ in the shooting mode. The following functions can be activated.



▲ (🕒)	Drive Mode
▼ (🌿)	Focus Mode
◀ (⚡)	Flash Mode
Press and hold ▶ (GPS)	GPS On/Off

Using the ADJ. Mode

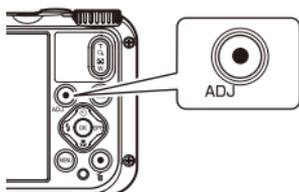
The functions assigned to the movie button in [ADJ Button Setting 1] to [ADJ Button Setting 5] of the **C** menu can be easily recalled.

1 Set [Movie Button] to [Off] in the **C** menu.

The ADJ. mode is enabled.

2 Press the movie button in the shooting mode.

The mode switches to the ADJ. mode and the icons for the assigned functions appear.



3 Use **◀▶** to select a function.

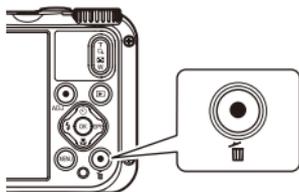


4 Press **OK**.

The selected function is set and the camera is ready to perform shooting.

Using the Green Button

The assigned function can be activated by pressing the green button in the shooting mode.



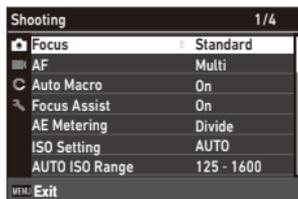
Using the Menus

Most functions are set from the menus.

1 Press **MENU**.

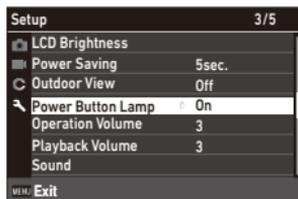
2 When changing the menu type, press **◀**, and use **▲▼** to select a type.

	Shooting menu
	Movie menu
	Playback menu
	Customize menu
	Setup menu

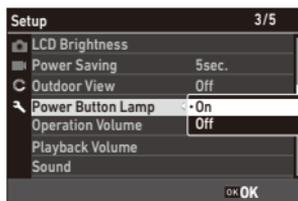


3 Press **▶**.

4 Use **▲▼** to select a function to set, and press **▶**.



5 Use **▲▼** to select a setting, and press **OK**.



Menu List

The following menus are available. (The underlined settings and the square-bracketed settings are the default settings.)

Shooting Menu

Focus	<u>Standard</u> , Macro, 1cm Macro, PF, Infinity, MF
AF	<u>Multi</u> , Spot, Tracking
Auto Macro	<u>On</u> , Off
Focus Assist	<u>On</u> , Off
AE Metering	<u>Divide</u> , Center, Spot
ISO Setting	<u>AUTO</u> , 125 to 6400
AUTO ISO Range	125 - 200, 125 - 400, 125 - 800, <u>125 - 1600</u> , 125 - 3200, 125 - 6400
EV Comp.	-2.0 to +2.0
Flash Mode	<u>Auto</u> , Flash Off, Flash On, Auto+R. eye, On+Red-eye, Ring Light
White Balance	<u>Auto WB</u> , Daylight, Shade, Cloudy, Fl. DL Color, Fl. DL White, Fl. Cool Wt., Fl. Warm Wt., Tungsten, Ring Light, Manual WB
Pix. Track SR	On, <u>Off</u>
Face Detection	<u>On</u> , Smile, Assist, Assist+Smile, Off
Blink Detection	<u>On</u> , Off
Digital Zoom	<u>On</u> , Off
Drive Mode	<u>Off</u> , Self-timer, Cont. Shoot, Burst Shoot, M-Cont, S-Cont, Remote Ctl, A-Bracket
Ring Light	Select: <u>All</u> , Right, Left, High, Low, Off Brightness: 1 to 9 [5] LightningTime: Always On, <u>Shutter 10s</u> , Shutter 20s, Shutter 30s, Shutter 60s
Recorded Pixels	<u>L</u> , M, S, XS, VGA
Aspect Ratio	<u>4:3</u> , 3:2, 1:1
Quality Level	☆☆☆☆, ☆☆☆, ☆☆
Image Tone	<u>Bright</u> , Natural, Vibrant, Slide Film, Monochrome
D-Range Setting	Highlight Cor.: <u>Auto</u> , Off Shadow Cor.: <u>Auto</u> , Off
Sharpness	Soft, <u>Standard</u> , Hard
Saturation	Soft, <u>Standard</u> , Hard
Tone Adjustment	Blue, <u>Black & White</u> , Sepia
Contrast	Soft, <u>Standard</u> , Hard

Date Imprint	Date, Date & Time, Time, <u>Off</u>
IQ Enhancer	<u>On</u> , <u>Off</u>

Movie Menu

Recorded Pixels	4K 30fps, <u>FullHD 30fps</u> , HD 60fps, HD 30fps
HDR	<u>On</u> , <u>Off</u>
Microphone	<u>On</u> , <u>Off</u>
Wind Suppression	<u>On</u> , <u>Off</u>
Movie SR	<u>On</u> , <u>Off</u>
Movie SR+	<u>On</u> , <u>Off</u>

Playback Menu

Image Copy	[Internal M]>>>[Card], [Card]>>>[Internal M]
Protect	1 File, Sel. Multiple, Select All, Cancel All
Rotation	0°, 90° (counterclockwise), 180°, 90° (clockwise)
Slideshow	Interval: 30sec., 20sec., 10sec., 5sec., <u>3sec.</u> Screen Effect: <u>Wipe</u> , Checker, Fade, Random, Off Sound Effect: <u>On</u> , <u>Off</u>
Recover File	—
Resize	Recorded Pixels: L, M, S, XS, 2M, 1M, VGA Quality Level: ☆☆☆☆, ☆☆☆, ☆
Cropping	—
Filter	Small Face Filter: 5%, <u>7%</u> , 10% Ink Rubbing Filter: 1 to 5 Digital Filter: <u>B&W/Sepia</u> , Toy Camera, Retro, Color, Extract Color, Color Emphasis, High Contrast, Starburst, Soft, Fish-eye, Miniature, Brightness HDR Filter
Movie Edit	Save as Still Image, Divide Movies, Adding title picture
Red-eye Edit	—
Start-up Screen	<u>Start-up screen with operation guide</u> , RICOH, Photographs, Off
Auto Image Rotation	<u>On</u> , <u>Off</u>

C Customize Menu

Reg. USER	U1, U2
CALS Pixels	L, M, S, XS, 2M, <u>1M</u> , VGA
CALS Quality	☆☆☆☆, ☆☆☆, ☆☆
ADJ Button Setting 1 ADJ Button Setting 2 ADJ Button Setting 3 ADJ Button Setting 4 ADJ Button Setting 5	Off, EV Comp. [Setting1], Recorded Pixels [Setting2], Aspect Ratio [Setting3], Setting [Setting4], White Balance [Setting5], Image Tone, Quality Level, AE Metering, AF, Face Detection, Highlight Cor., Shadow Cor., Outdoor View
Green Mode	<u>Green Mode</u> , EV Comp., Recorded Pixels, Quality Level, Aspect Ratio, White Balance, Setting, AF, Face Detection, Auto Macro, AE Metering, Highlight Cor., Shadow Cor., Sharpness, Saturation/Tone Adjustment, Contrast, Outdoor View
START DATE/TIME	<u>On</u> , Off
Show folder at startup	<u>On</u> , Off
Shut-down Screen	<u>On</u> , Off
Confirm. Time	<u>0.5sec.</u> , 1sec., 2sec., 3sec., HOLD, Off
Quick Zoom	On, <u>Off</u>
Grid Guide Display Op.	<u>9 Divide</u> , 16 Divide
GPS	On, <u>Off</u>
GPS Disp Mode	<u>LAT/LO</u> N, UTM, MGRS
GPS Lock	On, <u>Off</u>
GPS Time Adjustment	On, <u>Off</u>
GPS Log	Record log: Logging Interval, Logging Duration Save log data: NMEA, KML Discard log data
Compass Heading	<u>Off</u> , Cardinal, Degrees, Cardinal/Deg.
Compass Calibration	—
Declination	<u>TRUE</u> , MAG
Level Setting	Off, <u>Level + Shift</u> , Level
Calibrate Level	Reset Calibration
Data Imprint	GPS Data Imprint: LAT/LON, UTM, MGRS, <u>Off</u> UTC Data Imprint: On, <u>Off</u> Heading Data Imprint: On, <u>Off</u>
Lens Adapter On	<u>Off</u> , WIDE
Movie Button	<u>On</u> , Off

Setup Menu

Format [Card]	—
Format [Internal M]	—
New folder options	<u>Standard</u> , Date, Custom
File name	<u>Standard</u> , Custom
File Sequence No.	<u>On</u> , Off
Reset File Number	—
Embed Info	On, <u>Off</u>
Copyright Info	A freely defined string of 32 characters
Copyright Print	On(OVR), On(New), <u>Off</u>
Copyright Position	Left, Middle, <u>Right</u>
Copyright Font Size	Large, Middle, <u>Small</u>
Copyright Color	<u>Orange</u> , White, Black, Red, Blue, Green, Yellow
Guide Display	<u>On</u> , Off
Cursor Pos. Keeping	On, <u>Off</u>
LCD Brightness	-4 to +4
Power Saving	Off, <u>5sec.</u> , 15sec., 30sec., 1min., 2min.
Outdoor View	-2 to +2
Power Button Lamp	<u>On</u> , Off
Operation Volume	Off, 1 to 5 [3]
Playback Volume	Off, 1 to 8 [3]
Sound	Startup Sound, Shutter Sound, Operation Sound, Self-timer Sound
Auto Power Off	<u>1min.</u> , 3min., 5min., 10min., 30min., Off
Monitor Auto off Delay	<u>Off</u> , 1min., 5min., 30min.
Power Button Hold Op.	On, <u>Off</u>
Certifications	—
Version Info	—
Camera Settings File	<u>Write</u> , Read
USB Connection	<u>MSC</u> , MTP, UVC
HDMI Out	<u>AUTO</u> , 2160P (4K), 1080i, 720P, 480P
FlashAir Connection	On, <u>Off</u>
Language/言語	<u>English</u> , French, German, Spanish, Portuguese, Italian, Dutch, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Greek, Russian, Thai, Korean, Traditional Chinese, Simplified Chinese, Japanese

Date Adjustment	Date Format: Y/M/D, D/M/Y, M/D/Y Date: January 1, 2024 to December 31, 2045 Time: 00:00 to 23:59
World Time	Select Time: <u>Hometown</u> , Destination Hometown: City, DST Destination: City, DST
Initialized Setting	Still, Movie, Playback, Customize, Setup, Quality
Reset	—

Setting the Capture Mode

Turn the mode dial to select capture modes.

 CAL S CAL S Mode	Takes images with the recorded pixels and quality level set in [CAL S Pixels] and [CAL S Quality] of the C menu. The aspect ratio is fixed to [4:3].
 AUTO Auto Mode	Takes images with the optimal capture mode automatically selected by the camera.
 Program Mode	Takes images with the shutter speed and aperture value automatically set by the camera.
 SCN Scene Mode	Selects a scene from various scenes and takes images with the optimal settings for the selected scene.
 Digital Microscope Mode	Turns the ring light on for shooting at a close focus distance of 1 cm to the subject. The focus mode, flash mode, recorded pixels, and aspect ratio are fixed to [1cm Macro], [Ring Light], [XS], and [4:3], respectively.
 U1/U2 User Mode	Uses the saved shooting settings.
 Movie Mode	Records a movie.



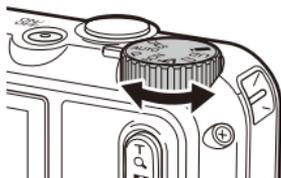
Green Mode

- When the green button is pressed, the camera switches to the green mode. In this mode, you can perform shooting with the standard settings regardless of the capture mode and  menu settings. Press the green button again to return to the previous capture mode.

Taking Still Images

Shooting in the Auto Mode

- 1** Set the mode dial to **AUTO**.



- 2** Use  (T)/ (W) to change the zoom magnification.

- 3** Press **SHUTTER** halfway.

The capture mode is selected, and the focus is adjusted.

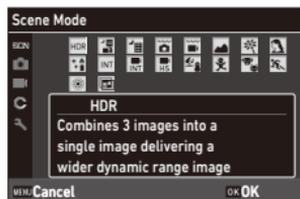


- 4** Press **SHUTTER** fully.

The taken image is saved in the internal memory or a memory card.

Shooting in the Scene Mode

- 1 Set the mode dial to SCN.
- 2 Press **MENU**.
- 3 Use **▲▼◀▶** to select a scene.



 HDR	 Interval Shooting
 Handheld Night Snap	 Interval Movie
 Night Scene	 High Speed Movie
 Underwater	 Surf & Snow
 Underwater Movie	 Kids
 Landscape	 Pet
 Flower	 Sport
 Portrait	 Fireworks
 Digital SR	 DOF Composite

- 4 Press **OK**.
The scene is set.

Recording Movies

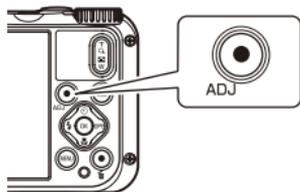
Movies can be directly recorded even when the mode dial is set to a mode other than **■t**.

1 Set [Movie Button] to [On] in the **C** menu.

Movie recording with the movie button is enabled.

2 Press the movie button.

Recording starts.



3 Press the movie button again.

Recording stops and the recorded movie is saved in the internal memory or a memory card.



Memo

- When the mode dial is set to **■t**, use **SHUTTER** to start the movie recording.

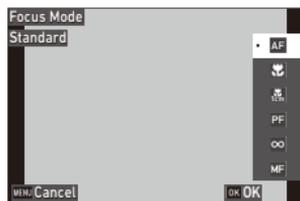


Caution

- You can record a movie continuously up to 4 GB or 25 minutes. Recording stops when the memory card or internal memory becomes full. The maximum recording time per shooting depends on the capacity of the memory card. Shooting may stop even before the maximum recording time is reached.

Setting the Focus Mode

- 1 Press  (▼) in the shooting mode.
- 2 Use ▲▼ to select a setting.

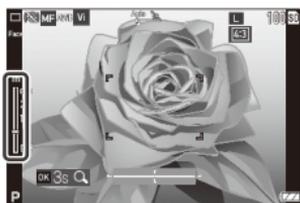


 Standard	Focuses on the subject at a distance of 50 cm or more from the camera when SHUTTER is pressed halfway.
 Macro	Focuses on the subject at a distance of 10 to 60 cm from the camera.
 1cm Macro	Focuses on the subject at a distance of 1 to 30 cm from the camera.
 Pan Focus	Focuses on the entire picture, from the front to the back.
 Infinity	Fixes the focus distance at infinity. This is useful for shooting distant scenes.
 MF	Focuses manually.

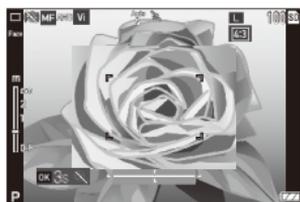
- 3 Press **OK**.

Focusing Manually (Manual Focus)

- 1 Select [MF] in Step 2 on p.32, and press **OK**.
- 2 Use **▲▼** to set a focus distance.



When **OK** is pressed and held, the center of the screen is magnified. Pressing and holding **OK** again restores the normal display.



Setting the Flash

1 Press  (◀) in the shooting mode.

2 Use ▲▼ to select a setting.



 Auto	Fires the flash according to conditions.
 Flash Off	Does not fire the flash.
 Flash On	Always fires the flash.
 Auto+R. eye	Fires the flash according to conditions while reducing the red-eye phenomenon.
 On+Red-eye	Forces the flash to fire while reducing the red-eye phenomenon.
 Ring Light	Turns on the ring light around the lens.

3 Press .

Setting the Drive Mode

1 Press  (▲) in the shooting mode.

2 Use ▲▼ to select a setting.



 Self-Timer 10s	Releases the shutter about 10 seconds after SHUTTER is pressed.
 Self-Timer 2s	Releases the shutter about 2 seconds after SHUTTER is pressed.
 Cont. Shoot	Performs continuous shooting while SHUTTER is pressed.
 Burst Shoot	Fixes the recorded pixels and aspect ratio to [S] and [4:3], respectively, and performs continuous shooting at high speed.
 M-Cont	Performs continuous shooting while SHUTTER is pressed, and saves last 16 or 25 still images taken for 2 seconds before the button is released as an image of 5184 × 3888 pixels. (Memory retrospective continuous shooting)
 S-Cont	Performs continuous shooting for 16 or 25 still images after SHUTTER is fully pressed, and saves them as an image of 5184 × 3888 pixels. (Streaming continuous shooting)
 0-sec Remote Control	Releases the shutter immediately after the shutter release button on the remote control unit is pressed.
 3-sec Remote Control	Releases the shutter about 3 seconds after the shutter release button on the remote control unit is pressed.
A-Bracket	Takes three images with different exposure settings of -1.0 EV, 0 EV, and +1.0 EV.

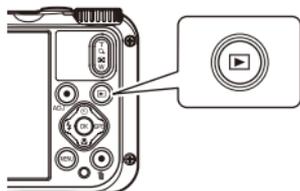
3 Press **OK**.

Playback

Playing Back Images

1 Press .

The camera switches to the playback mode and the last image you took is displayed.



2 View an image.

	Displays the previous or next image.
Press and hold 	Fast-reverses/Fast-forwards playback.
	Reverses/Forwards playback by 10 images.
	Deletes the image.
 (T)	Magnifies the image.
 (W)	In magnified view: Reduces the image.
	In magnified view: Moves the magnified area.
	Switches the displayed information.

Playing Back Movies

1 Press .

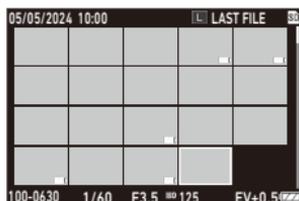
2 Use to select a movie to play back.

3 Play back a movie.

	Plays back/Pauses a movie.
	Fast-reverses/Fast-forwards playback.
	Stops playback.
 (T)/  (W)	Adjusts the sound volume.
	Switches the displayed information.

Displaying Multiple Images

- 1** Press **W** in the single image display of playback mode.
The images are displayed in 20 thumbnails.

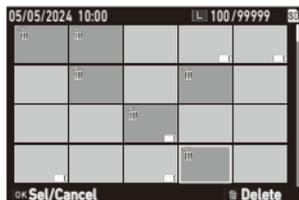


	Moves the selection frame.
(W) / (T)	Switches between the 20-thumbnail display, the 81-thumbnail display, and the folder (calendar) display.
Green button	Switches between the folder display and the calendar display.
	Deletes the selected image.

- 2** Press **OK**.
The selected image is displayed in the single image display.

Deleting Files

- 1** Press  in the playback mode.
- 2** Select the deletion method, and press **OK**.
When [Delete All] is selected, proceed to Step 5.
- 3** Select the images to delete.



	Moves the selection frame.
OK	Selects/Deselects an image. When [Sel. Range] is selected in Step 2: Selects the starting or ending point for image selection range.

- 4** Press .
- 5** Select [Execute], and press **OK**.
The selected images are deleted.

Saving Frequently Used Settings

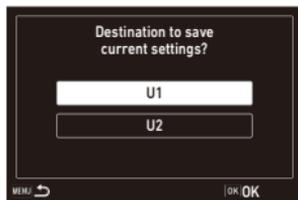
You can assign frequently used shooting settings to the mode dial **U1** and **U2** so that you can easily recall the settings.

The following settings can be saved.

- Capture mode
- / menu settings (with exceptions)
- A part of **C** menu settings

Saving the Settings

- 1** Set the capture mode and all the necessary settings to save.
- 2** Select [Reg. USER] in the **C** menu, and press **▶**.
- 3** Select [U1] or [U2], and press **OK**.
The settings are saved.



Using the User Mode

- 1** Set the mode dial to **U1** or **U2** in the shooting mode.
- 2** Change the settings as necessary.



Memo

- The settings changed in Step 2 are not saved in the camera. If the mode dial is turned, the settings are reset to the saved settings.

Using the Camera as a Webcam

You can use the camera as a webcam when conducting video conferences, etc. via the network.

The camera is compatible with the following web conferencing software.

- Zoom
- Skype
- Microsoft Teams
- Google Meet
- Cisco Webex
- Facebook Messenger



Caution

- The webcam function is compatible with the following OS.
 - Windows® 11, Windows® 10
 - macOS 14 Sonoma, macOS 13 Ventura, macOS 12 Monterey, macOS 11 Big Sur

1

Select [USB Connection] in the  menu, and press .

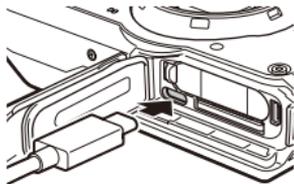
2

Select [UVC], and press .

3

Open the battery/card cover of the camera, and connect the USB cable to the USB terminal.

The AF assist light turns on and the camera enters the UVC mode.



4

Fix the camera on a tripod or similar device.

5

Start the web conferencing software and select "PENTAX WG-8" in the camera settings of the software.

6

To exit the UVC mode, turn the camera off.

Main Specifications

Camera

Lens		PENTAX lens, 11 elements in 9 groups (5 aspherical lens elements)
	Focal Length	5 to 25 mm
	35 mm Equivalent Focal Length	Approx. 28 to 140 mm
	Maximum Aperture	F3.5 (W) to F5.5 (T)
Zoom Magnification	Optical Zoom	5x
	Digital Zoom	Approx. 8.1x
	Intelligent Zoom	10M: Approx. 7x 640: Approx. 40.5x (zoom magnification obtained together with the optical zoom)
Motion Blur Reduction	Still Image	Pixel Track SR High-sensitivity shake reduction mode (Digital SR)
	Movie	Movie shake reduction mode (Movie SR, Movie SR+)
Focus	Type	9-point AF, Spot AF, Auto tracking AF
	Focus Range (from lens face)	Standard: 0.5 m (1.64 ft) to ∞ (entire zoom range) Macro: 0.1 to 0.6 m (0.33 to 1.97 ft) (entire zoom range) 1cm Macro: 0.01 to 0.3 m (0.03 to 0.98 ft) (intermediate portion of the zoom range) Switchable to Infinity-landscape, Pan Focus, and Manual Focus
Effective Pixels		Approx. 20 megapixels
Image Sensor		1/2.3" CMOS
Recorded Pixels	Still Image	Size: L (20M), M (10M), S (5M), XS (3M), 2M, 1M, VGA <ul style="list-style-type: none"> When the aspect ratio is set to 4:3, the sizes in parentheses are used. 2M and 1M are available only in the CALS mode. Aspect ratio: 4:3, 3:2, 1:1 <ul style="list-style-type: none"> In the CALS mode, the aspect ratio is fixed to 4:3.
	Movie	4K, 1920, 1280
Sensitivity (standard output)		Auto, Manual (ISO 125 to 6400)
White Balance		Auto, Daylight, Shade, Cloudy, Tungsten, Fluorescent (D: Daylight color, N: Daylight white, W: Cool white, L: Warm white), Ring Light, Manual
Monitor	Type	3.0" LCD, Approx. 1040 K dots, With AR coating (cover only)
	Adjustment	Brightness, Outdoor view setting: ±2 steps

Exposure Control	Metering System	Multi-segment metering, Center-weighted metering, Spot metering
	Exposure Compensation	± 2 EV (1/3 EV steps)
Capture Mode		Auto Picture, Program, HDR, Handheld Night Snap, Movie, High Speed Movie, Digital Microscope, Landscape, Flower, Portrait, Underwater, Underwater Movie, Interval Shooting, Interval Movie, Surf & Snow, Kids, Pet, Sport, Night Scene, Fireworks, Digital SR, CALS, Green, DOF Composite
Face Detection		Maximum detectable faces: 30 Smile capture, Self-portrait assist, Self-portrait assist + Smile capture, Blink detection
Pet Detection		1 pet (Auto)
Playback Mode		Slideshow, Rotation, Small Face Filter, Ink Rubbing Filter, Digital Filter (B&W/Sepia, Toy Camera, Retro, Color, Extract Color, Color Emphasis, High Contrast, Starburst, Soft, Fish-eye, Brightness, Miniature), HDR Filter, Movie Edit, Red-eye Edit, Resize, Cropping, Image Copy, Protect, Start-up Screen, Recover File, Auto Image Rotation
Shutter Speed		1/4000 to 1/4 seconds (with the mechanical shutter and electronic shutter used together) Up to 4 seconds (in the Night Scene mode)
Built-in Flash	Mode	Auto flash, Flash off, Flash on, Auto flash + Red-eye edit, Flash on + Red-eye edit
	Flash Effective Range	Wide angle: Approx. 0.2 to 5.5 m (0.66 to 18 ft) (when the ISO sensitivity is set to Auto) Telephoto: Approx. 0.2 to 3.5 m (0.66 to 11 ft) (when the ISO sensitivity is set to Auto)
Drive Mode		Single-frame shooting, Self-timer, Continuous shooting, Burst shooting, M-continuous shooting, S-continuous shooting, Remote control, Auto bracketing
Storage Media		Internal memory (approx. 27 MB), SD/SDHC/SDXC memory card FlashAir™ card
Power Supply		Rechargeable battery DB-110, AC adapter kit K-AC166 (optional)
	Battery Life	Still image shooting: Approx. 340 images (with the rechargeable battery)*1 Movie playback: Approx. 260 minutes (with the rechargeable battery)*2
Interfaces		USB 3.0 (Type-C), HDMI output terminal (Type D)
Waterproof and Dustproof Rating		Equivalent to JIS Class 8 waterproof and JIS Class 6 dustproof capabilities

Dimensions	Approx. 118.2 mm (W) × 65.5 mm (H) × 33.1 mm (D) (4.7 in. (W) × 2.6 in. (H) × 1.3 in. (D)) (excluding operating controls and protrusions)
Weight	Approx. 242 g (8.5 oz) (including the dedicated battery and SD memory card) Approx. 215 g (7.6 oz) (body only)
Included Accessories	Rechargeable battery DB-110, USB cable, Hand strap, Macro stand
Language	English, French, German, Spanish, Portuguese, Italian, Dutch, Japanese, Danish, Swedish, Finnish, Polish, Czech, Hungarian, Turkish, Greek, Russian, Thai, Korean, Simplified Chinese, Traditional Chinese
GPS	GPS, GLONASS GPS display mode: LAT/LON, UTM, MGRS GPS lock, GPS time adjustment, GPS logging, GPS data imprint, UTC data imprint
Electronic Compass	Compass display: Cardinal direction, Degrees, Cardinal direction + Degrees Declination correction, Heading data imprint
Webcam Function	Compliant with USB Video Class 1.1

*1 Image storage capacity shows approximate number of images stored during CIPA-compliant testing. Actual results may vary depending on the shooting conditions/circumstances. (Excerpt from CIPA standard: With the monitor ON, with 50% use of flash, at 23°C (73°F))

*2 According to the result of RICOH IMAGING in-house testing.

Rechargeable Battery DB-110

Nominal Voltage	3.6 V
Rated Capacity	1350 mAh, 4.9 Wh
Operating Temperature	0 to 40°C (32 to 104°F)
Storage Temperature	-10 to 45°C (14 to 113°F)
Dimensions	39.8 mm (W) × 34.2 mm (H) × 8.5 mm (D)
Weight	Approx. 26 g

Image Storage Capacity

The following table shows the approximate number of images and recording time (in seconds) of movies that can be saved in the internal memory and a memory card in various formats.

	Recorded Pixels	Aspect Ratio	Internal Memory			Memory Card (8 GB)		
			☆☆☆☆	☆☆	☆	☆☆☆☆	☆☆	☆
Still image	L	4:3	3	6	9	936	1616	2537
		3:2	3	6	10	1053	1815	2843
		1:1	4	8	12	1242	2145	3324
	M	4:3	7	12	18	1858	3189	4917
		3:2	7	13	20	2088	3522	5488
		1:1	9	15	24	2458	4140	6378
	S	4:3	11	22	31	3146	5900	8138
		3:2	13	25	35	3522	6556	9077
		1:1	15	29	40	4214	7867	10728
	XS	4:3	18	34	45	4816	9077	11801
		3:2	20	37	51	5364	9834	13112
		1:1	27	48	63	7152	12422	16858
	2M	4:3	28	51	66	7613	13112	16858
	1M	4:3	35	59	77	9077	15734	19668
	VGA	4:3	137	223	297	33717	59005	78673
3:2		148	255	297	39336	59005	78673	
1:1		178	297	357	47204	78673	78673	

	Recorded Pixels	Framerate	Internal Memory	Memory Card (8 GB)
Movie	3840	30 fps	—	00:10:19
	1280	30 fps	00:00:06	00:52:04
		60 fps	00:00:06	00:52:04
		30 fps	00:00:14	01:26:04
		120 fps	00:00:02	00:32:41

Operating Environment

It is confirmed that a USB connection can be established between the camera and the following OSs.

Windows®	Windows® 11, Windows® 10
Mac	macOS 14 Sonoma, macOS 13 Ventura, macOS 12 Monterey, macOS 11 Big Sur

Using the Camera Abroad

USB Power Adapter (AC-U2), AC Adapter (K-AC166), and Battery Charger (BJ-11)

These products are for use with currents of 100 to 240 V and 50 or 60 Hz. Before traveling, purchase a travel adapter for connection to the type of outlets used at your destination.

Do not use these products with electrical transformers, as this could damage the camera.

Television Playback

Captured images can be played back on the televisions and monitors equipped with a video input terminal. Use a commercially available HDMI® cable. Use an HDMI® cable with a length of 3 m or less (recommended product: CAC-HD14EU15BK manufactured by ELECOM). The RICOH HDMI cable HC-1 cannot be used.

Precautions for Use

Waterproof and Dustproof Function

- The camera complies with JIS/IEC waterproof grade 8 and JIS/IEC dustproof grade 6 (IP68).
- After shooting in the rain or washing with water, water may leak out from the lens barrel or the tripod screw hole on the bottom of the camera. However, this is not problematic because the camera is protected with the double-layered structure.
- The interior of the camera does not have the waterproof/dustproof structure. If water enters inside the camera, immediately remove the battery and consult your nearest repair center.

Camera

- When opening and closing the battery/card cover, be sure to remove water and dirt such as sand, mud, and dust adhering to the camera, and ensure that water or dirt does not enter the camera interior. Do not open the cover of the camera on the beach, at sea, or in a sandy area. If the cover is opened, seawater or sand may enter the camera.
- When opening and closing the battery/card cover, do not wear cotton work gloves. Dirt such as sand and dust adhering to the gloves may enter the camera interior. Also, be sure to remove water and dirt such as sand and mud adhering to the camera, and avoid locations where dirt can enter the camera interior.

- When the cover is opened, water droplets may be on the inside of the cover. In this case, clean them out before use.
- If the mode dial is not operated for a long time, it may become difficult to turn due to its waterproof structure. Turning the dial several times recovers the smooth dial operation.
- On the beach or in dusty places such as a construction site, be careful to keep the camera away from sand and dust.
- Do not leave the camera in places where temperature abnormally rises or in places in high humidity, such as in a car, on the beach, and in a bathroom.
- Ensure that the camera is turned off before connecting the optional AC adapter.
- Do not pull the battery/card cover forcefully.
- Do not hold the battery/card cover when carrying the camera.
- If any metallic object, water, liquid, or other foreign object gets into the camera, immediately stop using the camera. Turn the camera off, remove the battery and memory card from the camera, and contact your nearest dealer or service center for repair.
- In cold climates, water droplets on the camera may freeze. Using the camera with frozen water droplets could result in product malfunction. Do not leave the camera with water droplets.
- Do not drop the camera or subject it to physical shocks.
- When carrying the camera, be careful that it does not strike other objects. Particular care is required to protect the lens and monitor.
- The flash may overheat if fired many times in succession. Do not use the flash successively more than necessary.
- Do not use the flash in close contact with your body or other objects. Failure to observe this precaution could result in burns or fire.
- Using the flash unit in close proximity to your subject's eyes could cause temporary visual impairment. Particular care should be observed when photographing infants.
- Do not direct the flash at the operator of a motor vehicle. Failure to observe this precaution could cause accidents.
- Battery may become hot with extended use. Wait for the battery to cool before removing it from the camera.
- The monitor may be difficult to read in direct sunlight.
- You may notice that monitor varies in brightness or contains pixels that do not light or that are always lit. This is common to all LCD monitors and does not indicate a malfunction.
- Do not apply force to the monitor.
- Abrupt changes in temperature may cause condensation, resulting in visible condensation inside the lens or camera malfunction. This can be avoided by placing the camera in a plastic bag to slow the temperature change, and removing it only after the air in the bag has reached the same temperature of its surroundings. When condensation occurs, remove the battery and memory card from the camera, and wait until water droplets disappear.

- To prevent damage to the product, do not insert objects into the holes in the microphone and speaker coverings.
- Take a test shot to ensure that the camera is functioning properly before using it on important occasions such as travel or weddings. We recommend that you keep this document and spare batteries at hand.



Conditions that May Cause Condensation-----

- If you move to an area with a sharply different temperature
- If humidity is high
- In a cold room after the heater has come on, or where the camera is exposed to cold air from an air conditioner or other device

Rechargeable Battery DB-110

- This is a lithium-ion battery.
- The battery is not fully charged at the time of purchase, so be sure to charge the battery before use.
- Do not open or damage the battery as this can result in fire or injury. In addition, do not heat the battery above 60°C (140°F) or expose the battery to fire.
- Due to the battery characteristics, the battery usage time may be shortened when used in a cold environment, even if the battery is fully charged. Keep the battery warm by placing it in a pocket or have a backup battery ready.
- When not in use, be sure to remove the battery from the camera or the battery charger. A small amount of current can leak from the battery even when the power is off, creating excessive discharge and making the battery unusable. If the battery is removed for more than five days, the date and time settings will be lost. In this case, reset the date and time.
- If the battery is not used for a long time, charge the battery for 15 minutes once a year before storing.
- Store in a dry, cool place with an ambient temperature between 15°C and 25°C (59°F and 77°F). Avoid storing in extreme high or low temperatures.
- After charging the battery, do not immediately charge it again.
- Charge the battery at an ambient temperature between 10°C and 40°C (50°F and 104°F). Charging the battery at a high temperature can deteriorate the battery. Charging at a low temperature may prevent full charging.
- If the battery usage time becomes very short even when fully charged, the battery has reached the end of its service life. Replace with a new battery. Be sure to use a replacement battery recommended by RICOH IMAGING.
- The charging time when charging with the AC-U2 while the battery is in the camera is approximately 3 hours (at 25°C (77°F)).



Caution-----

- Use of other batteries can cause explosion.
- Recycle used batteries in a recycle box at your local electronics store or supermarket.

Camera Care and Storage

Caring for the Camera

- Image quality can be affected by fingerprints and other foreign matter on the lens. Avoid touching the lens with your fingers.
- Remove dust or lint on the lens with a commercially available blower, or gently clean the lens with a soft, dry cloth.
- When the camera becomes dirty or after using it on the beach, ensure that the battery/card cover is closed, and then rinse off dirt, sand, and salt in a basin of tap water and wipe off the moisture with a soft, dry cloth.
- When the rubber packing becomes dirty, clean it with soft, dry cloth. Dirt adhering to the rubber packing or scratches on it may deteriorate the waterproof function, causing water leakage. When the dirt cannot be cleaned or you find scratches on the rubber packing, take the camera to your nearest dealer or service center to replace it with a new packing.
- In the unlikely event of malfunction, consult your nearest repair center.
- The camera contains high-voltage circuits. Do not disassemble it.
- Do not expose the camera to volatile substances such as thinner, benzene, or pesticides. Failure to observe this precaution could result in damage to the camera or its coatings.
- The monitor is easily scratched, avoid touching it with hard objects.
- Clean the monitor by wiping it with a soft cloth dampened with a small amount of any monitor cleaner that does not contain organic solvents.

Storage

- Do not store the camera where it will be exposed to:
 - Extreme heat or humidity, large changes in temperature or humidity
 - Dust, dirt, sand
 - Severe vibration
 - Prolonged contact with chemicals including pesticides, or with vinyl or rubber products
 - Strong magnetic fields (for example, in the vicinity of a monitor, transformer, or magnet)
- Store the camera in a lint-free camera case, etc. to prevent dirt and lint from adhering to the camera. Do not carry the camera in a pocket to prevent dirt and lint from adhering to the camera.
- Remove the battery if the product is left unused for a long period of time.

Replacement of Rubber Packings

- Replace the rubber packing with a new one every two years even if it is not dirty and there is no problem with it, to maintain the waterproof function. When the camera is frequently used in water, in a sandy area, or in a dusty room, it is recommended to replace it every year. Contact your service center to replace the rubber packing. (A fee will be charged for the replacement.)

Before Cleaning

- Be sure to turn the camera off.
- Remove the battery and AC adapter from the camera.

Warranty Policy

All our cameras purchased through authorized bona fide photographic distribution channels are guaranteed against defects of material or workmanship for a period of twelve months from the date of your purchase. Service will be rendered, and defective parts will be replaced without cost to you within that period, provided the camera does not show evidence of impact, sand or liquid damage, mishandling, tampering, battery or chemical corrosion, operation contrary to operating instructions, or modification by an unauthorized repair shop. The manufacturer or its authorized representatives shall not be liable for any repair or alterations except those made with its written consent and shall not be liable for damages from delay or loss of use or from other indirect or consequential damages of any kind, whether caused by defective material or workmanship or otherwise; and it is expressly agreed that the liability of the manufacturer or its representatives under all guarantees or warranties, whether expressed or implied, is strictly limited to the replacement of parts as hereinbefore provided. No refunds will be made on repairs by non-authorized service facilities.

Procedure During 12-month Warranty Period

Any camera which proves defective during the 12-month warranty period should be returned to the dealer from whom you purchased the camera or to the manufacturer. If there are no representatives of the manufacturer in your country, send the camera to the manufacturer, with postage prepaid. In this case, it will take a considerable length of time before the camera can be returned to you owing to the complicated customs procedures required. If the camera is covered by warranty, repairs will be made and parts replaced free of charge, and the camera will be returned to you upon completion of servicing. If the camera is not covered by warranty, regular charges of the manufacturer or of its representatives will apply. Shipping charges are to be borne by the owner. If your camera was purchased outside of the country where you wish to have it serviced during the warranty period, regular handling and servicing fees may be charged by the manufacturer's representatives in that country. Notwithstanding this, your camera returned to the manufacturer will be serviced free of charge according to this procedure and warranty policy. In any case, however, shipping charges and customs clearance fees to be borne by the sender. To prove the date of your purchase when required, please keep the receipt or bills covering the purchase of your camera for at least a year. Before sending your camera for servicing, please make sure that you are sending it to the manufacturer's authorized representatives or their approved repair shops, unless you are sending it directly to the manufacturer. Always obtain a quotation for the service charge, and only after you accept the quoted service charge, instruct the service station to proceed with the servicing.

- **This warranty policy does not affect the customer's statutory rights.**
- **The local warranty policies available from our distributors in some countries can supersede this warranty policy. Therefore, we recommend that you review the warranty card supplied with your product at the time of purchase, or contact our distributor in your country for more information and to receive a copy of the warranty policy.**

For Customers in Europe Information for Users on Collection and Disposal of Old Equipment and Used Batteries



1. In the European Union

These symbols on the products, packaging and/or accompanying documents mean that used electrical and electronic equipment and batteries should not be mixed with general household waste.



Used electrical/electronic equipment and batteries must be treated separately and in accordance with legislation that requires proper treatment, recovery and recycling of these products.



By disposing of these products correctly you will help ensure that the waste undergoes the necessary treatment, recovery and recycling and thus prevent potential negative effects on the environment and human health which could otherwise arise due to inappropriate waste handling.

If a chemical symbol is added beneath the symbol shown above, in accordance with the Battery Directive, this indicates that a heavy metal (Hg = Mercury, Cd = Cadmium, Pb = Lead) is present in the battery at a concentration above an applicable threshold specified in the Battery Regulation.

For more information about collection and recycling of used products, please contact your local authorities, your waste disposal service or the point of sale where you purchased the products.

2. In other countries outside the EU

These symbols are only valid in the European Union. If you wish to discard used products, please contact your local authorities or dealer and ask for the correct method of disposal.

For Switzerland: Used electrical/electronic equipment can be returned free of charge to the dealer, even when you don't purchase a new product. Further collection facilities are listed on the home page of www.swico.ch or www.sens.ch.

Notice to Users in Countries that Require the CE Marking

This product complies with the essential requirements and provisions.

RE Directive 2014/53/EU

The EU Declaration of Conformity is available by accessing the URL:
https://www.ricoh-imaging.co.jp/english/support/declaration_of_conformity.html
and selecting the product applicable.

The minimum power required by the radio equipment to charge: 2.5W

The maximum power required by the radio equipment to achieve maximum charging speed: 5W

Importer (CE Marking): RICOH IMAGING EUROPE S.A.S.
7-9, avenue Robert Schuman, 94150 Rungis, FRANCE

Manufacturer: RICOH IMAGING COMPANY, LTD.
1-3-6, Nakamagome, Ohta-ku, Tokyo 143-8555, JAPAN

Battery Regulation (EU) 2023/1542

Importer (CE Marking): RICOH IMAGING EUROPE S.A.S.
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<https://ricoh-imaging.eu/>

Manufacturer: RICOH IMAGING COMPANY, LTD.
1-3-6, Nakamagome, Ohta-ku, Tokyo 143-8555, JAPAN
<https://www.ricoh-imaging.co.jp/english/>



Notice to Users in Countries that Require the UKCA Marking

This product complies with the essential requirements and provisions.

Radio Equipment Regulations 2017

The UK Declaration of Conformity is available by accessing the URL:
https://www.ricoh-imaging.co.jp/english/support/declaration_of_conformity.html
and selecting the product applicable.

Manufacturer : RICOH IMAGING COMPANY, LTD.
1-3-6, Nakamagome, Ohta-ku, Tokyo 143-8555, JAPAN



Operating Manual

The Operating Manual (PDF in English) containing detailed information on how to use the camera, including various shooting methods and settings, is available on the RICOH IMAGING COMPANY website. Please download and use it as needed.

Operating Manual download page:

https://www.ricoh-imaging.co.jp/english/support/download_manual.html



RICOH

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RICOH IMAGING CANADA INC.

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<https://www.ricoh-imaging.co.jp/english/>

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notice. Please check the latest information on our
websites.