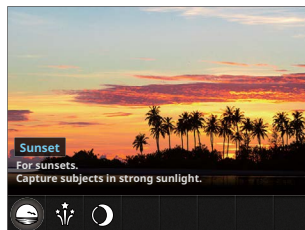
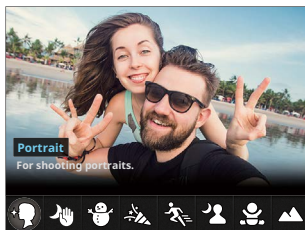


Scene Mode SCN

You can select an appropriate mode from the 11 scene modes according to the type of environment you are shooting in. The camera then automatically configures the most appropriate settings for the best possible photos.

1. Rotate the Mode Dial to **SCN** and press the  key to confirm.
2. Press the  key to highlight [Select Scene] and press the  key to enter scene selection screen.
3. Press the [ ] / [ ] keys to select a scene and press the  key to confirm.



4. If any need of changing the scene, please press the  key and select  , press the  key to confirm. Finally the [ ] / [ ] keys to reselect the scene.

Portrait

For shooting portraits.

Handheld Night

Reduce Blur caused by camera shake in low light conditions.

Snow

Reduces underexposure when shooting in snowy conditions.

Party

Capture clear images at night without a tripod.

Sports

For fast-moving subjects. Capture sharp action shots without blur.

Night Portrait

For portraits against night time scenery.

Children

For kids and pets. Flash is disabled for eye protection.

Landscape

Speed adjusted for brilliant images.

Sunsets

For sunsets. Captures subjects in strong sunlight.

Fireworks

For fireworks at night. Slow shutter speed adjusted for brilliant images.

Moon

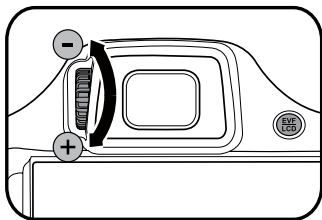
Capture detailed images of the moon's surface, even when shooting handheld.

Using EVF (Electronic View Finder)

EVF functions as the LCD, which can be used to observe the scene and objects and for playback, preview and menu operations.

EVF has the following advantages:

It will not be affected by ambient light and may avoid poor composition due to light reflection on the LCD.



Follow the steps below:

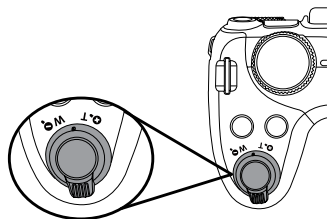
1. Turn the camera on and press the  key to switch to the EVF display. At this time, the LCD will become black.
2. View the scenes and objects through the EVF.

3. When the screen display is not clear, rotate the dioptic adjustment knob to adjust the screen sharpness.
4. Press the  key again or restart the camera to switch back to the LCD display.

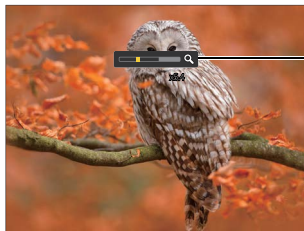
-  The bending of light that takes place in a lens is referred to as refraction. The strength of refraction is measured in diopters.
-  Diopter adjustment is aimed to help nearsighted (-400 or less) or farsighted (+200) individuals see clearly through the viewfinder (EVF).

Using the Zoom Function

Your camera is equipped with two types of zoom functions: Optical Zoom and Digital Zoom. Toggle the Zoom Lever of the camera to zoom in or out on the subject while taking pictures.



Zoom Lever



Zoom Indicator

When the Optical Zoom reaches the threshold as Digital Zoom, release and turn the Zoom Lever to T to switch between the Optical Zoom and Digital Zoom.

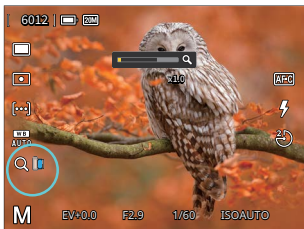
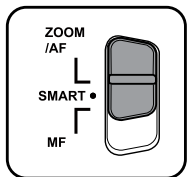
Using the Lens Function Ring

There is a lens function ring lever in one side of the lens. Moving it up and down can switch among ZOOM/AF, SMART and MF mode.

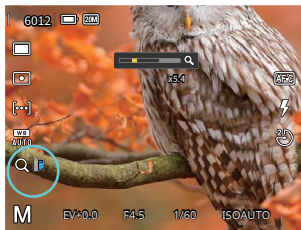
Zoom/AF Mode

Rotate the lens function ring for optical zoom and digital zoom.

1. Switch the lens function ring lever to position **ZOOM /AF**.



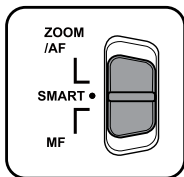
2. Rotate the lens function ring for optical zoom and digital zoom the object. Press the Shutter Key down completely to take the picture.



SMART Ring Mode

Rotate the lens function ring to set parameters of aperture, shutter, ISO, EV, etc.

1. Switch the lens function ring lever to position **SMART**.



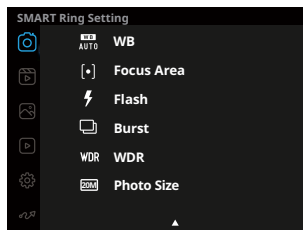
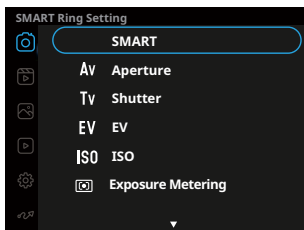
2. Set the SMART Ring in the Main Menu before use it.



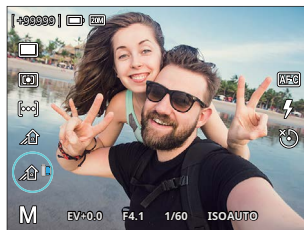
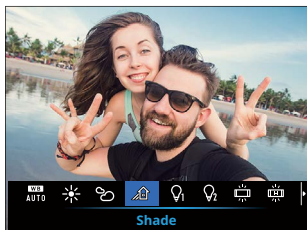
You can set and check the functions assigned to the SMART Ring via the following procedure:

- 1). Press the  key and select . Press the  key to enter the Main Menu, select  and press the  key to confirm.
- 2). Press the [  ] key twice and press the  / [ ] key to enter the menu.
- 3). Press the [ **DISP**] / [  ] keys to select [SMART Ring] and press the  / [ ] key to enter the menu.

- 4). Press the  key to enter the menu. Press the [ DISP] / [ ] key to select the options and press the  key to confirm.



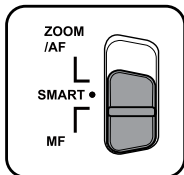
- 5). Press the  key and the shooting screen will appear.
3. Rotate the lens function ring to select options needed. Press the  key to complete the setting and enter shooting screen.



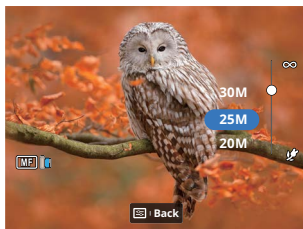
MF (Manual Focus) Mode

Rotate the lens function ring for manual focus (only under the **P A S M** mode).

1. Switch the lens function ring lever to position **MF**.



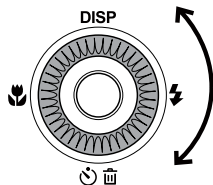
2. Rotate the lens function ring and the screen will automatically enlarge 2 times. Manually adjust to the optimal focus position you need and press the Shutter Key all the way to capture images.



3. Toggle the Zoom Lever for optical zoom and the shooting screen will appear.

Using the Dial Key

Rolling the Dial Key can be for fast selection instead of pressing the [**▲ DISP**] / [**▼**] / [**◀**] / [**▶**] keys.

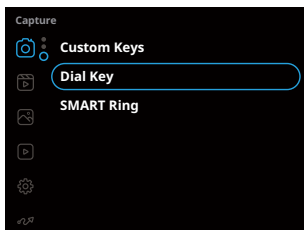


Dial Key Setting

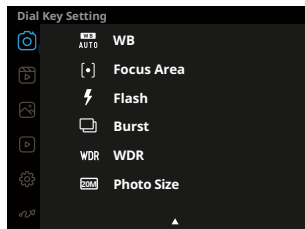
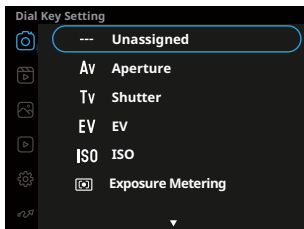
If you assign frequently used functions to the Dial Key in advance, you can quickly call up those functions simply by pressing the key on the shooting screen.

You can set and check the functions assigned to the Dial Key via the following procedure:

1. Press the key and select . Press the key to enter the Main Menu, select and press the to confirm.
2. Press the [**▼**] key twice and press the / [**▶**] key to enter the menu.
3. Press the [**▲ DISP**] / [**▼**] keys to select [Dial Key] and press the / [**▶**] key to enter the menu.



4. Press the  key to enter the menu. Press the [ DISP] / [  ] keys to select an option and press the  key to confirm.

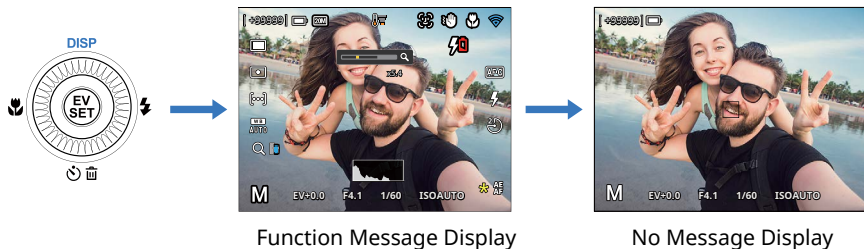


5. Press the  key and the shooting screen will appear.
6. Roll the Dial Key to quickly enter the selected menu screen, roll the Dial Key to select an option and press the  key to confirm.

Using the DISP Key

By pressing the [**▲ DISP**] (Display) key, you can change the content displayed on the screen during shooting and playback. The display switches each time as the [**▲ DISP**] key is pressed.

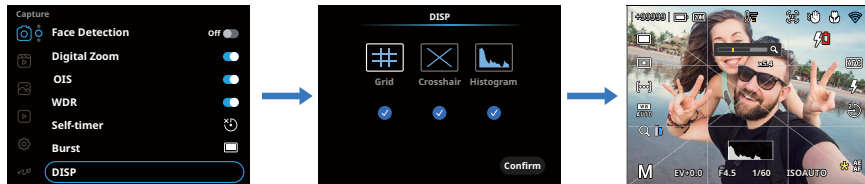
During shooting



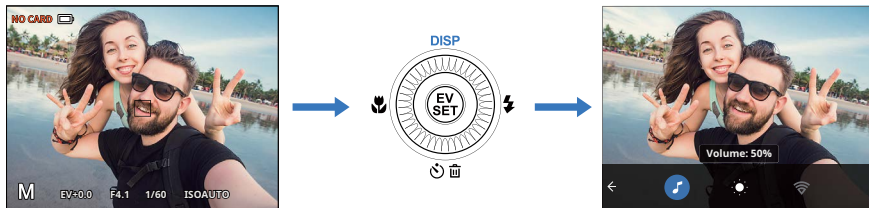
If you want to display grid and histogram, you need to check them via the following procedure:

- 1). In each mode, press the key and select . Press the key to enter the Main Menu, select and press the key to confirm.
- 2). Press the [] key twice and press the / [] key twice to enter the menu.
- 3). Select [DISP] and press the / [] key to enter the menu.
- 4). Press the key to check or cancel the options. Press the [] key to select [Confirm] and press the key to confirm.

5). Press the  key and the shooting screen will appear.



Quick calls



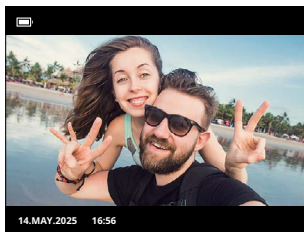
Press the [ ] / [] keys to select the item you want to set and press the  key to set. When the setting is complete, press the [] key to return the shooting screen.

-  : Turn sound volume off/on. (The volume level can be set in the [Beep Sound] menu on the page 89)
-  : Select power saver or other screen brightness value (Brightness values can be set in the [Screen Brightness] menu on the page 90)
-  : Turn the wireless network off/on.

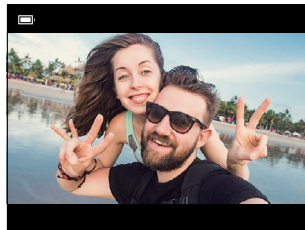
During playback (▶)

Press the  key to display the playback screen, press the [ DISP] key to switch among 3 screens.

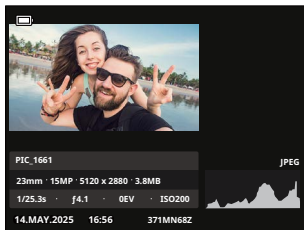
Function Message Display



No Message Display

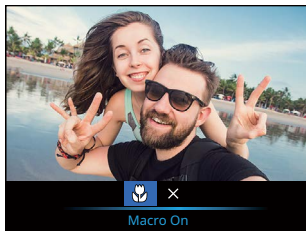
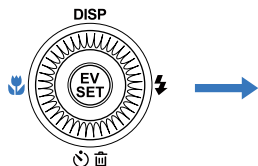


Detailed Message Display



Using the Macro Key

The Macro setting is ideal for shooting small objects or close-up photos. This mode allows you to focus on subjects very close to the camera.



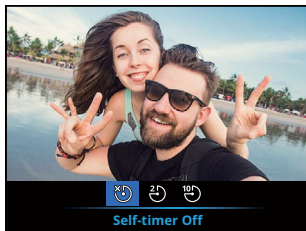
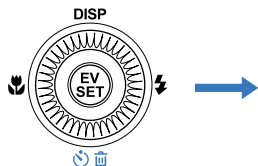
-  **Macro On**
Select this option to focus on the object closer to the lens (At the W side, the shooting distance should be more than 1 cm).
-  **Macro Off**
Select this option to disable macro.

Macro Key Setting

If you assign frequently used functions to the Macro Key ([◀ ]) in advance, you can quickly call up those functions simply by pressing the key on the shooting screen. (See page 56-57)

Using the Self-timer Key

Using this function to take pictures at pre-set intervals. The camera can be set to shoot after pressing the Shutter Key 2 seconds or 10 seconds.

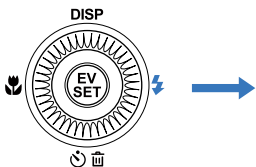


-  Self-timer Off
Disables the Self-timer.
-  Self-Timer (2s)
A single picture is shot 2 seconds after the Shutter Key is pressed.
-  Self-Timer (10s)
A single picture is shot 10 seconds after the Shutter Key is pressed.

-  The self-timer settings will remain in effect after shooting. Self-timer mode can be turned off by turning the camera off and then on again.
-  When enabling the Self-timer, pressing the Shutter Key or the [▼ ⏏] key can disable the Self-timer and return to the shooting screen while keeping the Self-timer setting.

Using the Flash Key

The flash provides supplemental light for the scene. The flash is usually used when shooting against the light to highlight the object; it is also suitable for metering and shooting in darker scenes to improve the exposure.



-  **Force Off**
Flash is turned off.
-  **Flash On**
The flash goes off when a picture is taken, supplementing the existing light in a scene and helping to eliminate shadows.
-  **Auto Flash**
Camera flash goes off automatically based on existing light conditions.
-  **Red-Eye Reduction**
The camera emits a brief pre-flash before the picture is taken to reduce red-eye effects.

- Slow Sync.**
 This allows you to take pictures of people at night that clearly show both your subjects and the night time backdrop. The use of a tripod is recommended when shooting with this setting.
- Slow Sync.+Red-Eye Reduction**
 Use this mode for slow synchrony shots with red-eye reduction.

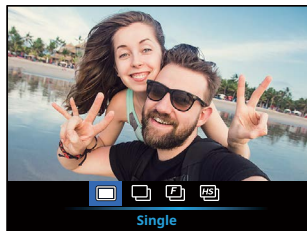
Flash Key Setting

If you assign frequently used functions to the Flash Key ([]) in advance, you can quickly call up those functions simply by pressing the key on the shooting screen. (See page 56-57)

When the flash is activated, Burst Shot and WDR functions are disabled.

Using the Burst Key

Use this setting to perform continuous shooting. After entering this mode, you can shoot multiple images by continuously holding the Shutter Key down.



- Single**
 Capture a single shot only.
- Burst Shot**
 For taking more than one picture continuously.
- Fast Burst**
 For continuous shot with 4M pixel.
- High Speed Burst**
 For continuous shot with 2M pixel.

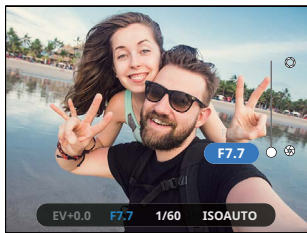
Burst Key Setting

If you assign frequently used functions to the Burst Key () in advance, you can quickly call up those functions simply by pressing the key in the shooting screen. (See page 56-57)

Using the Aperture Key

The EV function menu of the camera includes functions, such as Aperture Adjustment, EV (Exposure Value) Adjustment, ISO Adjustment and Shutter Speed Adjustment. Using the appropriate function settings can improve your pictures.

1. Press the  /  key to display the settings screen.



2. Press the [ ] / [ ] keys to select the Setting options.
3. Press the [ DISP] / [  ] keys to adjust the option values.
4. Press the  key to complete the setting and enter shooting screen.

Aperture Adjustment

You can adjust the aperture size value. Selecting a large aperture opening will emphasize the point of focus and show a blurry background and foreground. A small aperture opening will keep both the background and main object in clear focus.

EV Adjustment

Set up Exposure Compensation to adjust the picture brightness. If there is very high contrast between the photographed object and the background, the brightness of the picture can be adjusted as necessary. The adjustable range of exposure value is from EV -3.0 to EV +3.0.

ISO Adjustment

ISO allows you to set the sensitivity of the camera sensor. Use a higher ISO value in darker places and a lower value in brighter conditions.

Options of ISO value: Auto (100~1600), 100, 200, 400, 800, 1600 and 3200.

Shutter Speed Adjustment

For shutter speed, the camera may automatically set the aperture value corresponding to the manually set shutter speed so as to obtain a most suitable exposure value. The movement of object may be shown by adjusting the shutter speed. High shutter value can help you more clearly capture fast moving objects, while low shutter value can better show the movement of objects.

Options in the shooting mode (O: Available X: Automatically displayed, not available)

Mode Options	P	A	S	M					SCN	
										Others
Aperture	X	O	X	O	X	X	X	X	X	X
Shutter speed	X	X	O	O	X	X	X	X	X	X
EV	O	O	O	X	O	O	O	X	O	X
ISO	O	O	O	O	X	O	X	X	X	X



If each option is available in the mode set to **U1 / U2**, the option is available in **U1 / U2** mode; otherwise, it is not available.

Using the AE-L/AF-L Key

Press the  key to lock the focus / exposure and press the  key again to remove this lock.



- ✱  **AE**: AE-lock
When the contrast between the subject and background is high, meter the light at a spot where the subject appears to have the appropriate brightness and lock the exposure before shooting. To reduce the brightness of the subject, meter the light at a spot brighter than the subject and lock the exposure of the entire screen. To make the subject brighter, meter the light at a spot darker than the subject and lock the exposure of the entire screen.
- ✱  **AF**: AF-lock
When you focus on the subject, half-press the Shutter Key to focus, then press the  key to lock the focus. Switch to the desired composition and press the Shutter Key all the way down to take the picture.
- ✱  **AE AF**: AEL&AFL
Lock focus and exposure at the same time.