











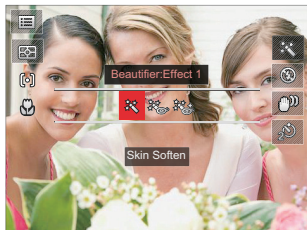








## Face Beautifier +

1. Turn the mode dial to select face beautifier mode ( + ).
2. Press the  button and press the [  AF ]/[   ] button to select  .
3. Press the [   ]/[   ] button or rolling the  jog dial to select an option and press the  button to confirm and enter the shooting screen.



-  Effect 1: Skin Soften
-   Effect 2: Skin Soften + Eye Brightening
-    Effect 3: Skin Soften + Eye Brightening + Eye Enlargement


## Wi-Fi Mode



Enable image transmission and remote control by connecting smart device with Wi-Fi.




Matters needing attention before use:

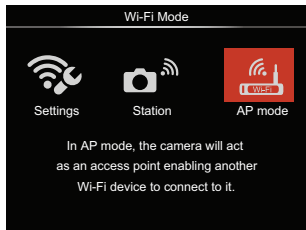
- Your smart device operating system version needs to be iOS 8 or higher, or Android 4.2 or higher. If not, please upgrade your smart device before using the App.
- Please do not use in places having high intensity magnetic field, electrostatic and electric wave interference (for example near a microwave oven), which may cause failure in receiving signals.
- To maintain a connection, please keep the camera within 10 meters (32.8 feet) without signal shielding interference.
- Please do not use Wi-Fi connection functionality on a plane.
- The camera and the smart device can only be connected one to one.




### Downloading the App package:

Download a dedicated installation package from the application store (App name: PIXPRO Remote Viewer  ) and then install it.

- Android devices : Search and download the App “PIXPRO Remote Viewer”  in Google play, and install it following the instructions on the interface.
- iOS devices : Search and download the App “PIXPRO Remote Viewer”  in App store, and install it following the instructions on the interface.

1. Rotate the mode dial to  and then enter the Wi-Fi selection interface.
2. Press the [  ]/[  ] button to select and set options.



-  [Settings] :  
Customize the Wi-Fi settings for the camera system.
-  [Station] :  
Use the Station Mode to connect to a “Personal Hotspot” created by your mobile device.
-  [AP Mode] :  
In AP mode, the camera will act as an access point enabling another Wi-Fi device to connect to it.








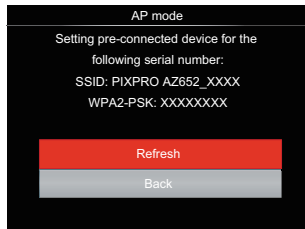
Rotate the mode dial to disconnect.

## AP Mode

This camera may connect with your smart device through Wi-Fi.


Settings of Camera:

1. Select  and press the  button to enter the setting interface.
2. Press the [  AF ]/[  ] button to select options to be adjusted, and press the  button to enter the option setting interface.



- Refresh: Create a new WPA2 PSK password.
- Back: Back to previous page.

### Settings of Smart Device:








1. Enable the Wi-Fi of smart device and then search surrounding wireless devices.
2. Select the name of camera SSID to be connected and then input the eight-digit number password after WPA2-PSK on the camera.
3. Click the icon of the App  to enable the APP.

### Set up completion:

Once the App is connected to the camera, functional operations can be enabled on the smart device.

### Station

Enable image transmission and remote control by connecting the camera with a Wi-Fi access point created by your smart device.

1. Enable the Wi-Fi access point of smart device.
2. Select the  on camera and then press the  button to confirm connection with smart device.
3. Press the [  **AF** ]/[    ] button to select the name of smart device to be connected and then press the  button to confirm. Then, the camera enters the password input interface.



Press the [ ]/[ ] button to select:

- Scan: Search again surrounding wireless devices.
  - : Select the name of device to be connected.
  - Back: Back to Wi-Fi mode select screen.
4. Press the [ AF ]/[ ]/[ ]/[ ] button or rolling the jog dial to select and then press the button to confirm your selection. Enter the completion of WPA2- PSK after password storage.

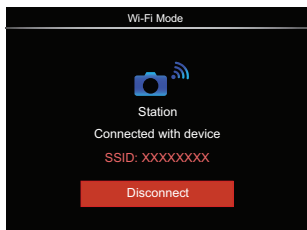



Meanings of Interface Icons:

Icon	Description
	Delete the last letter
	Switch the display of letters in capital and lowercase
	Move the Cursor
	Switch the symbol input
	Input Space

5. Connect to network after storing the password.

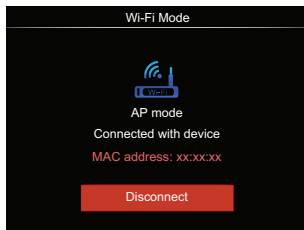
- If connected, the LCD will display as shown below:



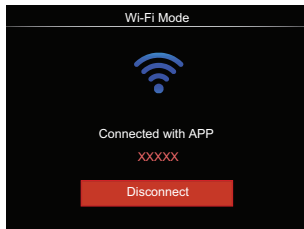
- If connect failed, please check Wi-Fi device and try again.
6. After connection, click the icon of the App  on the smart device, you may use it to carry out relative operation.

Display of Wi-Fi Connection Status:

The Wi-Fi has successfully connected but App is not enabled.



The Wi-Fi has successfully connected and App is enabled.

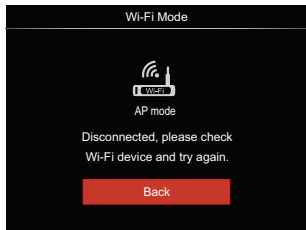


For interrupting the connection:



- No: Keep Wi-Fi connected and back to previous page.
- Yes: Disconnect and back to Wi-Fi connection screen.

The Wi-Fi of smart device interrupts:

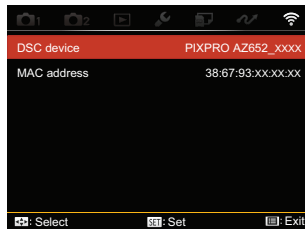


- Back: Back to the SSID interface.

## Setting

The name of this camera can be changed through key stroking.

1. Select the and then press the button to enter the setting interface.
2. Press the [ **AF** ]/[ ] button to select options to be adjusted and then press the button to enter the menu.



3. Press the button to confirm settings and then skip the menu.

## DSC Device

The default name of DSC device is [PIXPRO AZ652\_XXXX] . Change the name of DSC device through key stroking.



For the method of input, please refer to the introduction on password input on page 39.

## MAC address

Check the wireless MAC address of this camera.

## App Operating Instructions

Refer to the "PIXPRO Remote Viewer User Manual" located on the web:

Americas



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

Europe



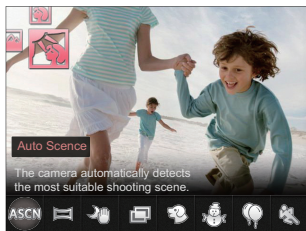
<http://kodakpixpro.com/Europe/support/downloads.php>

















## Scene Mode SCN

You can select an appropriate mode from the 14 scene modes according to the type of environment you are shooting. The camera then configures the most appropriate settings automatically.

1. Rotate the mode dial to **SCN**, then the LCD will display as below:










2. Press the [◀🌸]/[▶⚡] button to select a scene, and press the (SET) button to confirm.
3. If any need of changing the scene, please press the (MENU) button and then the (SET) button and finally the [◀🌸]/[▶⚡] button to reselect the scene.

Scene	Description
 Auto Scene	The camera automatically detects the most suitable shooting scene.
 Panorama Mode	For shooting up to 360-degrees of landscape.
 Handheld Night	Reduce blur when shooting low light/ illuminated scenes.
 Multi Exposure	Take several shots and overlap as a single image.
 Cat/Dog	The camera automatically takes a picture when a dog or cat face is detected.
 Snow	For subjects in the snow. Reduce underexposure.
 Party	For subjects at night without using a tripod. Capture sharp shots without blur.
 Sport	For fast-moving subjects. Capture sharp action shots without blur.
 Night Portrait	For portraits against night time scenery.
 Portrait	For shooting portraits
 Children	For kids and pets. Flash is disabled for eye protection.
 Landscape	Speed adjusted for brilliant images.
 Sunset	For sunsets. Capture subjects in strong sunlight.
 Fireworks	For fireworks at night. Slow shutter speed adjusted for brilliant images.

## Auto Scene (ASCN)

In “ASCN” scene mode, the camera can detect different environments intelligently and automatically select the best scene and photo settings for you.













“ASCN” can intelligently detect the following scenes:

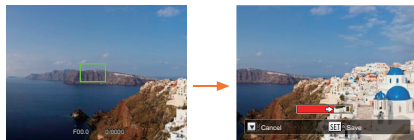
Mode Name	Description
 Auto	The camera will automatically adjust the exposure and focus to ensure the best possible pictures.
 Landscape	For landscapes, will automatically adjust the exposure to match the background.
 Backlit Portrait	When the sun or any other light source is behind you, will automatically adjust the foreground exposure to produce the best pictures possible.
 Macro	The Macro setting is ideal for shooting small objects or close-up photos.
 Night Landscape	For night scenes, will automatically increase the ISO value to compensate for low light.
 Portrait	Most suitable for capturing people with focus on their faces.
 Night Portrait	When you take portraits at night, or in low light conditions, will automatically adjust the exposure for people and night scenes.

## Panorama Mode



This feature allows you to capture a panoramic view that will have significantly more content than a single photograph. Follow the instruction arrow with a smooth and steady movement of the camera to seamlessly shoot an ultra-wide scene of up to 360 degrees.





Follow the steps below:


1. Select the panorama mode () and then press the  button to confirm.
2. Press the [ **AF**]/[   ]/[  ]/[  ]/[ ] button to select a shooting direction. (The right direction is used as default if you do not make any choice), 2 seconds later, the camera is ready to take pictures. You can also press the  button or half press the shutter button to be ready to take pictures.
3. Compose your shot on the LCD and half press the shutter button to focus on the subject. After focusing, fully press the shutter button down to take the first picture. At this time, the process dialog of panorama mode stitching appears on the screen.



4. Rotate the camera according to the set direction. When the range of rotation does not exceed the range that the camera can detect, the progress dialog along the indication arrow partially turns red. When it completely turns red, panorama mode shooting is finished.


-  Panoramic image can be played back by the method of flash playing. Please see the animation panoramic playback on page 75.
-  During shooting, the flash, self-timer, macro modes and exposure compensation are not available. Focus adjustment is also not available at this time.


 During panorama mode shooting, press the **(SET)** button to interrupt shooting and save the current pictures taken. Press the [    ] button to cancel shooting and not to save the previously taken pictures.


 During panorama mode shooting, when the moving direction of the camera is wrong or the angle deviates from the internal settings, the LCD shows a warning message [Improper alignment. Please try again.] and the current pictures taken are saved.

### Multi Exposure





Suitable for shooting moving objects (as many as 6) in the same background.

 Keep camera steady before shooting. Press and hold the shutter button to take 6 photos continuously when it will stop automatically. To stop shooting, release the shutter button in the midway.

 Objects shall be moved only from left to the right in order to be recorded. Objects moving from other directions would not be recorded.

 Shooting effect will be influenced if object is moving too fast or too close.

### Cat/Dog

1. It defaults to enabling the auto shoot after entering the Cat/Dog mode. When a face of cat or dog is detected, the camera will take photos automatically. Meanwhile, you also may press down the shutter button to shoot.
  2. Press the [    ] button to enter Auto Shoot menu. If this function is disabled, you may only take photos manually.
-  At most, 10 cat /dog faces can be detected at one time.

Functions that can be adjusted in each scene are as below:

Scene	Adjustable Functions
Auto Scene	Flash* <sup>1</sup> /Self-timer
Panorama Mode	None
Handheld Night	Expo Metering/Self-timer* <sup>2</sup>
Multi Exposure	Expo Metering
Cat/Dog	Auto Shooting/Continuous Shot/Expo Metering/Macro
Snow	Continuous Shot/Expo Metering/Flash/Self-timer
Party	Continuous Shot/HDR/Expo Metering/Flash/Self-timer/Macro
Sport	Continuous Shot/Expo Metering
Night Portrait	HDR/Expo Metering/Self-timer
Portrait	Continuous Shot/HDR/Expo Metering/Flash/Self-timer/Macro
Children	Continuous Shot/Expo Metering
Landscape	Expo Metering/Self-timer* <sup>2</sup>
Sunset	HDR/WDR/Expo Metering/Flash/Self-timer* <sup>2</sup>
Fireworks	Continuous Shot/Expo Metering/Self-timer* <sup>2</sup>

\*1 Means the flash as an option of Night Landscape mode in Auto Scene is non-adjustable.

\*2 Means self-timer smile is not included in the self-timer.

For continuous shot, there are only [Continuous Shot] and [Time-Lapse] for selection.

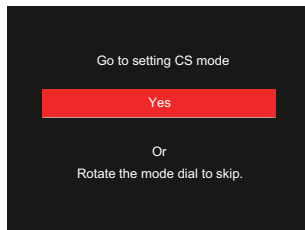
## Custom Settings CS

The user can store the frequently used shooting modes and parameters and switch to this mode for quick adjustment. Settings under **CS** mode (unset state or state after reset):

1. Turn the mode dial to select the **CS** mode, and enter the setup screen, as shown in the figure below:



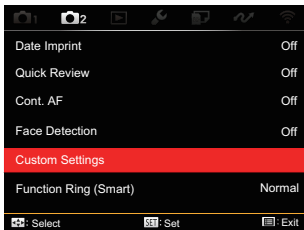
2. As shown in the figure, press the [ ] / [ ] button to select a capture mode that you want to define as **CS**, and press the button to enter the shooting screen.
3. As shown in the figure, press the button, and choose whether to continue the **CS** mode setting or rotate the mode dial to skip.



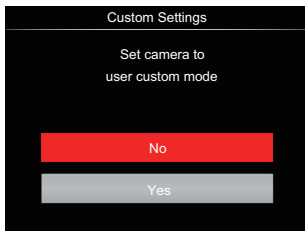
For setting under other modes (use this method to select a different custom setting):

1. Select any mode to be stored.
2. Set your desired parameters in the current mode.
3. Press the button, press the [ **AF** ] / [ ] button to select , and press the button to enter the menu.
4. Press the [ ] / [ ] button to select 2.

5. Press the [▼] button select [Custom Settings] and press the (SET) button to enter the menu.



6. Select [Yes] to save or [No] to cancel.



7. Turn the mode dial to switch to the custom settings ( **CS** ).
8. The photo settings you stored the last time are invoked.



When the **CS** mode is used for the first time, there is no preset parameter stored in the **CS** mode.



If you want to remove the parameter setting of [Custom Settings] , please see the reset function on page 107 to operate.



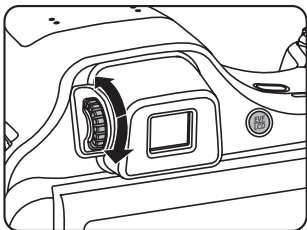
# BASIC OPERATION

## 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  button 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  button again or restart the camera to switch back to the LCD display.



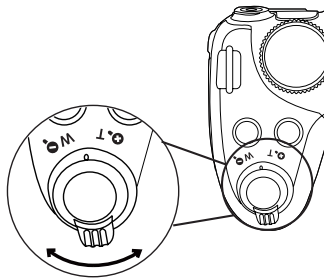
The effect of eyes to refract rays of light is referred to as refraction. The capacity of refraction is represented by focal power, which is called diopter.



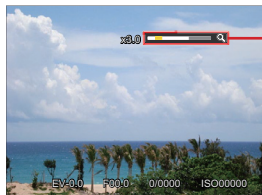
Diopter adjustment is aimed at making the naked eyes of the operators with myopia (-300 or less) or hyperopia (+100) adapt to the viewfinder (EVF).

## 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 of the subject while taking pictures.



Zoom Lever



Zoom Indicator

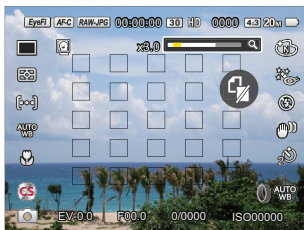
When the optical zoom reaches the threshold as digital zoom, release and turn the zoom lever to T to switch between the optical zoom and digital zoom.

## Display Setting

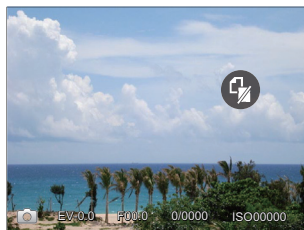
Mode: PSAM SCN CS

Press the button to switch among 4 screens.

Function Message Display



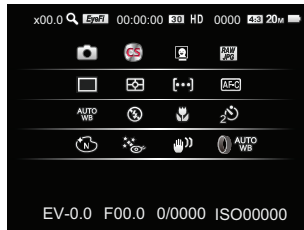
No Message Display






Display with Grid and Histogram



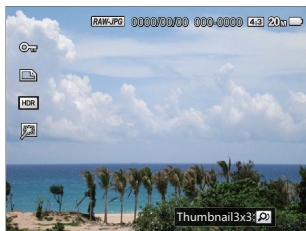
Message Display



Mode: 

Press the  button to display the playback screen, press the  button to switch among 3 screens.

Function Message Display



No Message Display



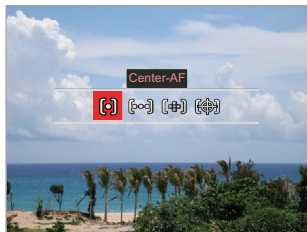
Detailed Message Display



## AF Area

In different photo shooting modes, you can select different focus methods. (Adjustable in **PSAM** mode)

1. Press the [ **▲AF** ] button to display the settings screen.



2. Press the [ **◀🌸** ]/[ **▶⚡** ] button to select the following 4 modes:



Center-AF

The focus frame appears on the center of the LCD to focus on the subject.



Multi-AF

The camera automatically focuses the subject in a wide area to find the focus point.



Spot Focus

Choose the single-point focus position within the scope of focus.




Object Tracking:

Smart tracking of the object in motion under the focusing shooting.

3. Press the [ **SET** ] button to confirm the settings and enter the shooting screen.



After enabling spot focus, rolling the  jog dial to adjust the position of focus point in the screen.

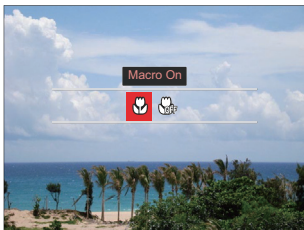







The function of object tracking cannot be enabled until successful focus. For tracking the focus, you need to keep the shutter semi-pressed.

## Macro Mode

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.

1. Press the [  ] button to enter the Macro Menu.




2. Press the [  ]/[  ] button to select the following 2 modes:
  -  Macro On  
Select this option to make focusing 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.
3. Press the  button to confirm the settings and enter the shooting screen.




## Self-timer Mode


Using this function can take photos at regular time. The camera can be set to shoot after 2 seconds, 10 seconds since pressing the shutter or shoot after smile.

1. Press the [ ▼ 🗑️ ⏸️ ] button to enter the self-timer menu.



2. Press the [ ◀️ 📷 ]/[ ▶️ ⚡ ] button to select the following 4 modes:
  -  Self-timer 2sec  
A single picture is shot 2 seconds after the Shutter button is pressed.

-  Self-timer 10sec  
A single picture is shot 10 seconds after the shutter button is pressed.
-  Self-timer Smile  
Press the shutter button and a picture will be taken immediately after a smile is detected.
-  Self-timer Off  
Disables the self-timer.

3. Press the (SET) button to confirm the settings and enter the shooting screen.
  -  When enabling the self-timer, pressing the shutter or the [ ▼ 🗑️ ⏸️ ] button can disable the self-timer and return to the shooting screen while keeping the self-timer setting.

When enabling the smile detection, pressing the shutter or the **(SET)** button can disable the self-timer and return to the shooting screen while keeping the self-timer smile setting.


Self-timer settings will remain after completion of shooting with the self-timer. They can be canceled by switching modes or by turning the camera off and then on again.

## Flash Mode






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.


1. Press the [▶⚡] button to enter the flash settings menu.




2. Press the [◀🌸]/[▶⚡] button to select the following 6 modes:
  -  Force Off  
Flash is turned off.



-  **Fill Flash**  
For fill flash at the moment of taking a picture.
-  **Flash Auto**  
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.

3. Press the  button to confirm the settings and enter the shooting screen.

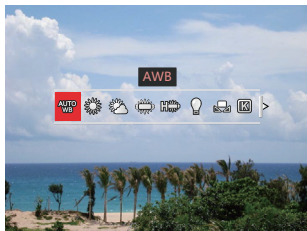
 After pressing the shutter button half way to achieve focus lock, the flash will automatically pop up if needed.

## WB (White Balance) Mode








The white balance function allows adjustment of the color temperature for different light sources. (Adjustable in **PS AM** Mode)

Follow the steps below to set white balance of the camera:

1. Press the **(SET)** button to enter white balance menu.



2. Press the [ **◀**  ]/[ **▶**  ] button to select the following 9 modes:

- **AUTO WB** AWB
  -  Daylight
  -  Cloudy
  -  Fluorescent
  -  Fluorescent H
  -  Incandescent
  -  Manual WB  
Set WB according to the current light source, press the **(SET)** button to set.
  -  Color Temp. (1900K-10000K)  
Press the **(SET)** button to enter and rolling the **(◉)** jog dial to adjust the color temperature value.
  - **BKT WB** WB Bracketing  
Press the shutter button once to take three photos with different WB settings.
3. Press the **(SET)** button to confirm the settings and enter the shooting screen.

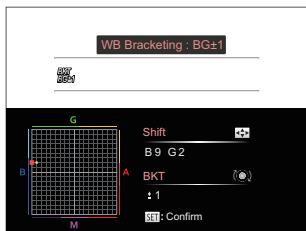
## WB Bracketing:

Press the **SET** button to enter options and then press the [ **▲ AF** ]/[ **▼**   ]/[ **◀**  ]/[ **▶**  ] button to adjust the shift and rolling the  jog dial to adjust the BKT value (0, 1 and 2).

Rotate clockwise to adjust X axis (B-A). BKT value

Rotate counterclockwise to adjust Y axis (G-M). BKT value

Press the **SET** button to confirm your settings.



WB bracketing is for setting the bracketing range. Shift to both sides for 3 spaces at most. If at the page border, shift only to the other side and 2 photos can be taken. If no shift, only one photo can be taken.


## Continuous Shot Mode

Functions that can be enabled under each mode may be different.






Mode :  **PSAM+SCNCS**







For setting the single, continuous shot, Time-Lapse, HDR , WDR or AE bracketing functions.

Please follow the following steps to set:

1. Press the  button to enter the continuous shot menu.



2. Press the [   ]/[   ] button to select the following 8 modes:
  -  Single  
Capture a single shot only.

-  Continuous Shot  
For taking more than one picture continuously.
-  Cont. Shot-Fast (2M)  
For continuous shot with 2M pixels.
-  Cont. Shot-High Speed (VGA)  
For continuous shot with VGA pixel.
-  Time-Lapse  
Take pictures based on the preset interval (30sec/ 1min/ 5min/ 10min). Press the  button to select the interval time.
-  HDR (-1EV, 0EV, +1EV)  
This setting is to control the high dynamic image range in taking still pictures, with vivid effect in highlight and that the effect in dark parts can identify the outline and depth of the object. (Use of tripod is recommended)

- **WDR** WDR (Wide Dynamic Range)  
When the camera detects that there is a big contrast in brightness between scenes and such scenes are against the light, it will automatically adjust the brightness and saturation to capture an image that better represents the scene.

- **AE BRACKETING** AE Bracketing (0.3EV, 0.7EV, 1.0EV, 1.3EV, 1.7EV, 2.0EV)  
The camera will automatically and continuously take three pictures separately with a brightness of original, darker and brighter as long as you press the shutter once. Press the **SET** button to select the range of exposure.

3. Press the **SET** button to confirm the settings and then enter shooting screen.

Mode: 













-  Single
-  WDR



## Exposure Compensation Functions Setting

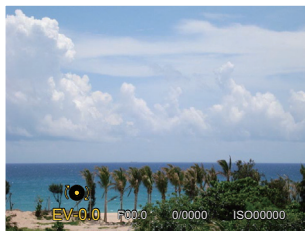
The EV function menu of the camera includes functions, such as EV adjustment, ISO, shutter adjustment, aperture adjustment, etc. Using the appropriate function settings can improve your pictures.

Please follow the steps below to set:

1. Press the  button to display the settings screen.
- 4 options in [ Exposure Compensation Functions Setting ]:
  - EV Adjustment
  - ISO Adjustment
  - Shutter Speed Adjustment
  - Aperture Adjustment
2. Press the [   ]/[   ] button to select the setting options.
3. Press the [  AF ]/[    ] button to adjust the option values.
4. Press the  button to complete the setting and enter shooting screen.

### EV Adjustment

Set up to adjust the picture brightness. In the case of a very high contrast between the photographed object and the background, the brightness of the picture can be appropriately adjusted. (Adjustable in **PSA**   mode)

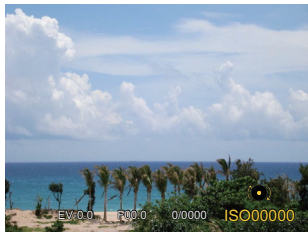


The adjustable range of exposure value is from EV -3.0 to EV+3.0.

## ISO Adjustment

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

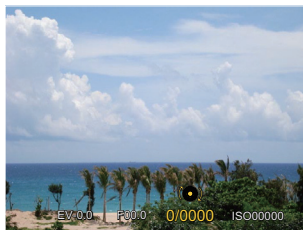
(Adjustable in **P S A M** +  mode)



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

## Shutter Speed Adjustment

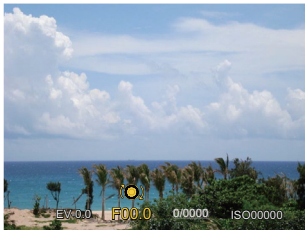
For shutter speed, the camera may automatically set the aperture value corresponding to the manually set shutter speed so as to obtain a most suitable exposure value. The movement of object may be shown by adjusting the shutter speed. High shutter value can make you clearly capture the movement of fast moving object while low shutter value can allow you to take a picture for fact moving object with a strong sense of movement. (Adjustable in **S M** mode)




## 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.

(Adjustable in **AM** mode)



## Using Quick Recording

In shooting mode, press the  button to begin recording video.




15 pictures at most can be taken by pressing the shutter when recording.

The sizes of images taken are as below when playing them back:

FHD -> 2M **2m**

HD -> 1M **1m**

DVD -> VGA **VGA**

After recording, press the  button again to stop recording. The camera will store the video and return to the shooting screen.




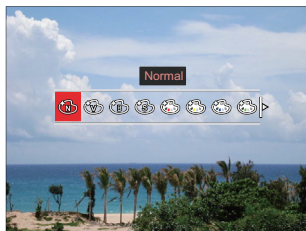
## i Button Function Menu

Functions that can be enabled are different under each mode.





Mode: **PSAM** 

The image color setting allows you to select different effects.


1. Press the  button to select the Image color setting menu.



2. Press the [   ] / [   ] button to select the image color setting options.

-  Normal
-  Vivid
-  Black and White
-  Sepia

-  Partial Color-Red
-  Partial Color-Yellow
-  Partial Color-Blue
-  Partial Color-Green
-  Dreamy
-  Vignetting
-  EKTACHROME Film
-  KODACHROME Film
-  KODACOLOR Film
-  Salon
-  Punk
-  Negative
-  Reflection
-  Sketch
-  Fish Eye
-  4 Grids - Stylish(2M)

 Fish Eye effect is not available when shot size is 20M.

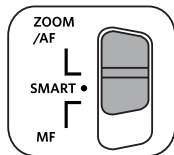
## Using the Lens Function Ring

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.

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



2. Rotate the lens function ring to optically zoom the object.



Rotating the lens function ring in Zoom/AF mode is only for optical zoom.