

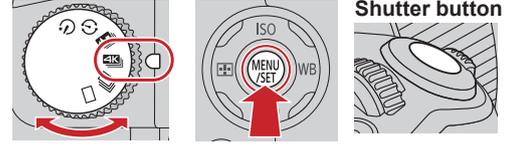
# Quick Guide for 4K Photo

## Catching the moment you really want ([4K Burst] / [4K Burst(S/S)] / [4K Pre-Burst])

You can take burst pictures of approximately 8 million pixels with a burst rate of 30 fps. You can select and save a frame from the burst file.

### 1 Recording with the 4K Photo function

- 1 Set the drive mode dial to [4K]
- 2 Press [MENU/SET] to display the [Rec] menu
- 3 Select [4K PHOTO] in the [Rec] menu, and press [MENU/SET]
- 4 Press ▲ ▼ to select the recording method, and press [MENU/SET]
  - Press the shutter button halfway to display the recording screen.



#### [4K Burst]

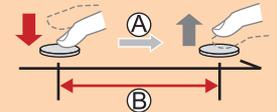


For capturing the best shot of a fast-moving subject (e.g., sports, aeroplanes, trains)

Burst recording is performed while the shutter button is pressed and held. The shutter sound will be heard repeatedly.

- 1 Press the shutter button halfway
- 2 Press and hold the shutter button fully for as long as you want to perform recording

- Recording will start approximately 0.5 seconds after you press the shutter button fully. Therefore, press the button fully slightly in advance.



- Ⓐ Press and hold
- Ⓑ Recording is performed

#### [4K Burst(S/S)]

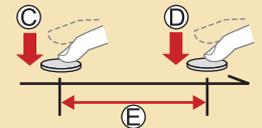


For capturing unpredictable photo opportunities (e.g., plants, animals, children)

Burst recording starts when the shutter button is pressed and stops when pressed again. Start and stop tones will be heard. "S/S" is an abbreviation of "Start/Stop".

- 1 Press the shutter button fully
- 2 Press the shutter button fully again

- When you press the [Fn6] button while recording, you can add a marker. When selecting and saving pictures from a 4K burst file, you can skip to the positions where you added markers.



- Ⓒ Start (First)
- Ⓓ Stop (Second)
- Ⓔ Recording is performed

#### [4K Pre-Burst]

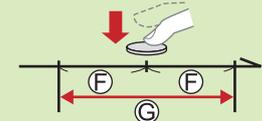


For recording as needed whenever a photo opportunity arises (e.g., the moment when a ball is thrown)

Burst recording is performed for approximately 1 second before and after the moment that the shutter button is pressed. The shutter sound will be heard only once.

- 1 Press the shutter button fully

- In situations where you want to lock focus and exposure, such as when the subject is not at the centre, use [AF/AE Lock].



- Ⓕ Approximately 1 second
- Ⓖ Recording is performed

- Burst pictures are saved as a single 4K burst file in the MP4 format.
- Use a UHS Speed Class 3 card.
- When recording, the angle of view becomes narrower.
- If you are using Auto Focus, continuous AF will work while recording. Focus will be adjusted continuously.
- You can reduce the blur of the subject by setting a faster shutter speed. Approximate shutter speed for outdoor recording in fine weather conditions: 1/1000 seconds or faster.
- Recording stops when the continuous recording time exceeds 29 minutes and 59 seconds.
- When using an SDHC memory card, files are split into smaller picture files for recording and playback if the file size exceeds 4 GB. (You can continue to record pictures without interruption.)
- If using an SDXC memory card, you can record pictures in a single file even if the size is greater than 4 GB.
- If the surrounding temperature is high or 4K photos are recorded continuously, [△] may be displayed and recording may be stopped halfway through. Wait until the camera cools down.
- When [4K Pre-Burst] is set, the battery drains faster and the camera temperature rises. (to protect itself, the camera may switch to [4K Burst])
- Select [4K Pre-Burst] only when recording.

## 2) Selecting pictures from 4K burst file and saving

Markers have been set by the camera automatically on a scene in which a face or the movement of a subject is detected during recording, for example, at the scene when a vehicle passes by or a person turns around. (Auto Marking)

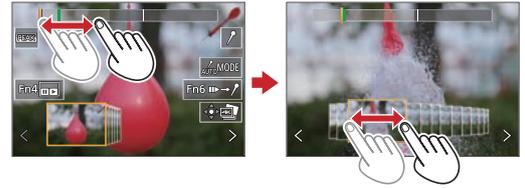
### 1 Select a picture with the [ ] on the playback screen, and press ▲

- In the case of recording with [ ] ([4K Pre-Burst]), proceed to the step 3.



### 2 Drag the slide bar to perform rough scene selection

- You can skip to a marked position by touching the marker.  
**White marker:** Manually set marker / **Green marker:** Marker set by the camera automatically



### 3 Drag to select the frame you want to save as a picture

### 4 Touch [ ] to save the picture

- The selected picture will be saved as a new picture in the JPEG format separate from the 4K burst file.

## Showing movement by combining a sequence of pictures ([Sequence Composition])

### 1 Select [Sequence Composition] from the [Playback] menu

### 2 Use ◀▶ to select the 4K burst files and press [MENU/SET]

### 3 Select frames to combine (from 3 to 40 frames)

### 4 Press ▼ to select [Save], and then press [MENU/SET]



## Adjusting the focus after recording ([Post Focus] / [Focus Stacking])

You can record 4K burst pictures while changing the focus point and then select a focus point after recording.

## Recording using [Post Focus]

- We recommend using a tripod to perform [Focus Stacking].

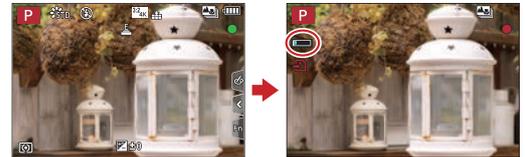
### 1 Set the drive mode dial to [ ]

### 2 Determine the composition and press the shutter button halfway

- Do not change the composition or the distance to subject before completion of recording.

### 3 Press the shutter button fully to start recording

- When the recording progress bar disappears, recording automatically ends.



## Selecting a focus point ([Post Focus])



### 1 On the playback screen, select the image with the [ ] icon and press ▲



### 2 Touch the focus point

- If there are no pictures with the focus on the selected point, a red frame will be displayed, and pictures cannot be saved.
- To enlarge the display, touch [Q].

You can make fine adjustments to the focus by dragging the slide bar during enlarged display.



### 3 Touch [ ] to save the picture

- The selected picture will be saved as a new separate file in the JPEG format.

## Increasing the focus range ([Focus Stacking])



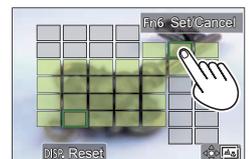
### 1 Touch [ ] on screen in step 2 of "Selecting a focus point ([Post Focus])"

### 2 Choose a stacking method and touch it [Auto Merging] / [Range Merging]

### 3 (When selecting [Range Merging])

#### Touch the focus point

- Select positions at two or more points.
- Focus points between the selected two positions will be selected.
- Positions that cannot be selected, or that would produce an unnatural result will be greyed out.
- Touch a position again to deselect it.



### 4 Touch [ ] to combine and save the picture

- The picture will be saved in JPEG format.