

Quick Guide for 6K/4K PHOTO

"6K PHOTO" is a high-speed burst recording function which allows you to save pictures extracted from images recorded with an aspect ratio for still pictures, 4:3 or 3:2, and with an effective picture size equivalent to a particular number of pixels (approx. 18 megapixels) produced by images with a size of 6K (approx. 6,000 (horizontal)×3,000 (vertical)).

Using the 6K/4K Photo function to capture the best shot of the subject

With 6K Photo, you can take a high-speed burst of pictures at 30 frames/second and save the desired pictures, each made up of 18 million pixels (approx.), extracted from their burst file. With 4K Photo, you can take a high-speed burst of pictures at 60 frames/second and save the desired pictures, each made up of 8 million pixels (approx.).

① Recording 6K/4K photos

- 1 Set the drive mode dial to **[6K]** (6K/4K Photo).
- 2 Press **[MENU/SET]** to display the **[Rec]** menu.
- 3 Select **[6K/4K PHOTO]** in the **[Rec]** menu, and press **[MENU/SET]**.
- 4 Select **[Picture Size / Burst Speed]** and press **[MENU/SET]**.
- 5 Press the cursor buttons **▲/▼** to select the picture size and burst speed, and press **[MENU/SET]**.

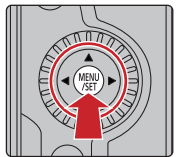
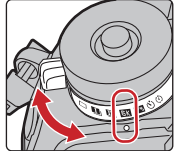
[6K 18M] (30fps)

[4K H 8M] (60fps)

[4K 8M] (30fps)

- 6 Select **[Rec Method]** and press **[MENU/SET]**.
- 7 Press the cursor buttons **▲/▼** to select the recording method, and press **[MENU/SET]**.

● Press the shutter button halfway to display the recording screen.



[6K/4K Burst]

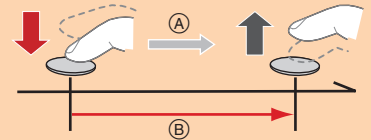


For capturing the best shot of a fast-moving subject
(e.g., sports, aeroplanes, trains)

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.

● Press the button fully slightly in advance. Recording starts approximately 0.5 seconds after it has been pressed fully.



(A) Press and hold
(B) Recording is performed



[6K/4K Burst(S/S)]

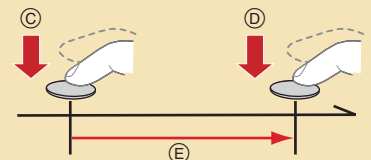


For capturing unpredictable photo opportunities
(e.g., plants, animals, children)

Burst recording starts when the shutter button is pressed and stops when pressed again. Start and stop tones will be heard.

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

● You can add markers if you press **[Fn2]** during recording. You can skip to the positions where you added markers on the playback screen.



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



[6K/4K Pre-Burst]

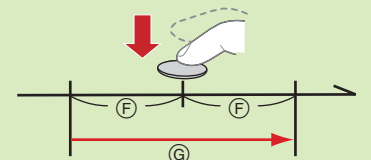


For recording as needed whenever a photo opportunity arises
(e.g., the moment when a ball is thrown)

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]**.



(F) Approximately 1 second
(G) Recording is performed

- Use a UHS Speed Class 3 card to record 6K/4K photos.
- If you are using Auto Focus, **[Continuous AF]** will work during recording. Focus will be adjusted continuously.
- You can perform recording while minimising the motion blur of subjects by setting the shutter speed.
Approximate shutter speed for outdoor recording in fine weather conditions: 1/1000 seconds or faster.
- 6K/4K burst file will be saved with **[Rec Format]** set to **[MP4]**.
- If **[Picture Size / Burst Speed]** is set to **[6K 18M]** or **[4K H 8M]**: Recording stops when the continuous recording time exceeds 10 minutes.
If **[Picture Size / Burst Speed]** is set to **[4K 8M]**: Recording stops when the continuous recording time exceeds 29 minutes and 59 seconds.
- When using an SDHC memory card, you can continue the recording of a 6K/4K photo without interruption even if the file size exceeds 4 GB, but its burst file will be divided into smaller files for recording and playback.
- With an SDXC memory card, you can save a burst file size exceeding 4 GB as a single file.



Battery drainage and camera temperature

- When the ambient temperature is high or 6K/4K photo recording is performed continuously, the camera may display [△] and recording may stop. If you are using [6K/4K Pre-Burst], the setting will switch to [6K/4K Burst] and recording will stop. Wait until the camera cools down.
- When [6K/4K Pre-Burst] or [Pre-Burst Recording] is set, the battery drains faster and the camera temperature rises. Use these functions only when recording with them.



Setting Pre-Burst Recording ([6K/4K Burst]/[6K/4K Burst(S/S)] only)

MENU → **[Rec]** → **[6K/4K PHOTO]** → **[Pre-Burst Recording]** → **[ON]**

The camera starts recording approximately 1 second before the shutter button is pressed fully, so you will not miss a photo opportunity.

② Selecting pictures from 6K/4K burst file and saving

- 1 Press .
- 2 Press / to select an image indicated with the / icon.
- 3 Press the cursor button .
- If the image was recorded with [6K/4K Pre-Burst], proceed to step 5.
- 4 Drag the slide bar to make a rough selection of scenes.
- 5 Drag the frames to select the frame you want to save as a picture.
- 6 Touch / to save the picture.
 - A confirmation screen will be displayed.
 - The picture will be saved in JPEG format.



■ Correcting 6K/4K Photos After Recording (Post-Recording Refinement)

● Correcting distortion in pictures ([Reduce Rolling Shutter])

- 1 On the save confirmation screen in step 6, touch [Reduce Rolling Shutter].
- 2 Check the correction result, and touch [Save].

● Reducing the noise produced by high sensitivity ([6K/4K PHOTO Noise Reduction])

MENU → **[Playback]** → **[6K/4K PHOTO Noise Reduction]** → **[AUTO]**

When saving pictures, reduce the noise produced during recording by high ISO sensitivity.

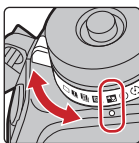
Controlling Focus After Recording (Post Focus/Focus Stacking)

The camera can perform Burst recording in the same picture quality as 6K/4K photo recording while automatically shifting the focus to different areas. After the recording, you can select the desired area on the screen and save a picture in which the selected area is in focus.

① Recording with the Post Focus function

- We recommend that you use a tripod when recording images to be used for Focus Stacking.

- 1 Set the drive mode dial to (Post Focus).
- 2 Decide on the composition, and press the shutter button halfway.
- 3 Press the shutter button fully to start recording.



● Selecting the picture size

MENU → **[Rec]** → **[Post Focus]** → **[6K 18M]/[4K 8M]**

② Selecting the desired focus area and saving a picture

- 1 Press .
- 2 Press / to select an image indicated with the icon, and press the cursor button .
- 3 Touch the desired focus area.
 - If a picture that is in focus is not available for the selected area, a red frame will be displayed. You cannot save a picture in this case.
- 4 Touch to save the picture.
 - The picture will be saved in JPEG format.



③ Using Focus Stacking and saving a picture

You can also merge multiple pictures with different focus areas to widen the focus range. (Focus Stacking)

- 1 Touch (Fn1) in step 3 of "Selecting the desired focus area and saving a picture".
- 2 Touch the merging method.

[Auto Merging]

Automatically selects pictures that are suited to be merged, and merges them into a single picture.

[Range Merging]

Merges pictures with specified focus areas into a single picture.

- 3 (When [Range Merging] is selected) Touch the desired focus area.

- Specify at least two areas.
- In-focus areas between the two areas will also be selected, and the combined in-focus area will be indicated.
- Grey areas indicate areas that may, if selected, cause the merged picture to look unnatural and areas that cannot be selected.
- To cancel the selection, touch the focus area again.

- 4 Touch to merge the pictures and save the resulting picture.

- The picture will be saved in JPEG format.

