P-400R Focus Assist Shooting Function
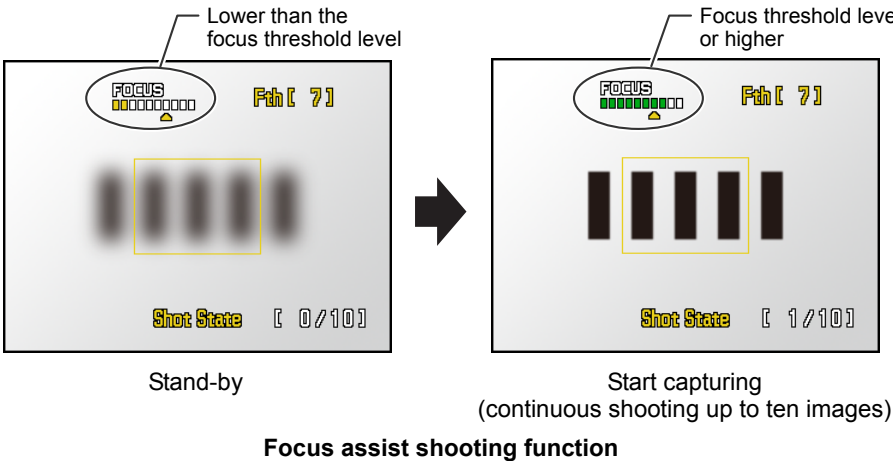
This document explains how to use the focus assist shooting function in continuous shooting mode.

(1)   Focus Assist Shooting Function

When the focus indicator level exceeds the specified value (focus threshold level) while the capture switch is pressed and held down, up to ten images are automatically captured sequentially. Images can be selected from the captured images and saved to an SD card.

Using the focus detection function, images can be captured only when the focus indicator shows a high degree of focus.

Stand-by

Start capturing
(continuous shooting up to ten images)

Focus assist shooting function

✅ **Using the focus assist shooting function**

Images may not be in focus during handheld use due to hand vibration caused by pressing the capture switch. When the focus assist shooting function is used, images are automatically captured when the focus indicator level exceeds the threshold level, thus preventing hand vibration and enabling concentration on image focusing.
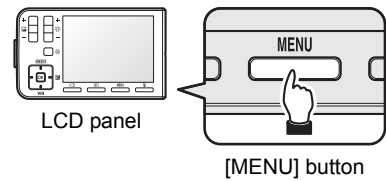

❗ **Notes on using the focus assist shooting function**

- Do not change the SD card when this function is set. Doing so may cause data loss or malfunction of the medium.
- The level shown by the focus indicator when an object is in focus varies depending on the object. Before capturing an image of an object, first check the focus indicator level where the object is in focus and then set the focus threshold level.
- Images of the following objects may not be properly captured.
  - Low-contrast objects
  - Regular vertical striped objects
  - Dark objects which require a low shutter speed setting or a high camera gain setting.
- Nikon recommends increasing illumination when capturing an image of a dark object.
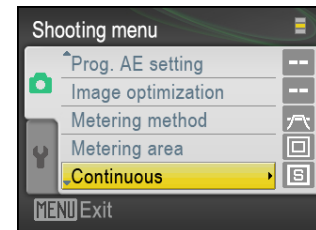
(2)   Starting the Focus Assist Shooting Function

1 **Press the [MENU] button in shooting mode to display the [Shooting menu] screen.**
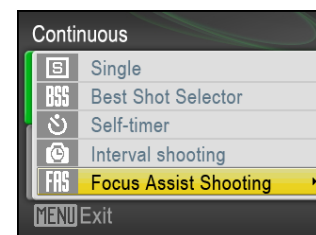
The [Continuous] screen appears.

LCD panel

[MENU] button

2 **Select [Continuous] and press the [OK] (or right) button.**

The [Continuous] screen appears.

Shooting menu
Prog. AE setting --
Image optimization --
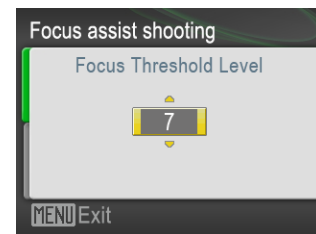Metering method
Metering area
Continuous
MENU Exit

3 **Select [Focus Assist Shooting] on the [Continuous] screen and press the [OK] (or right) button to apply the selection.**

The [Focus assist shooting] screen appears.

Continuous
Single
Best Shot Selector
Self-timer
Interval shooting
Focus Assist Shooting
MENU Exit

4 **Set the value for the [Focus Threshold Level] on the [Focus assist shooting] screen and press the [OK] (or right) button to apply the setting.**
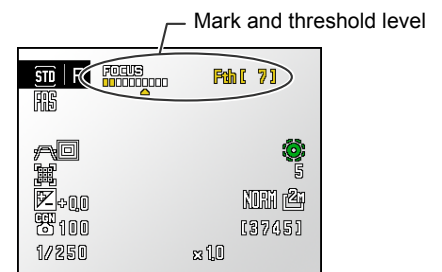
- **Focus threshold level**
  1 to 10

Focus assist shooting
Focus Threshold Level
7
MENU Exit

5 **Press the [MENU] button to enter shooting mode again.**

The P-400R enters focus assist shooting mode with the live image displayed on the LCD monitor.

The focus assist shooting icon ([FAS]) is displayed at the top left of the screen, the focus indicator shows a mark (△) which indicates the threshold level, and the threshold type ([Fth]) is displayed at the top right of the screen.
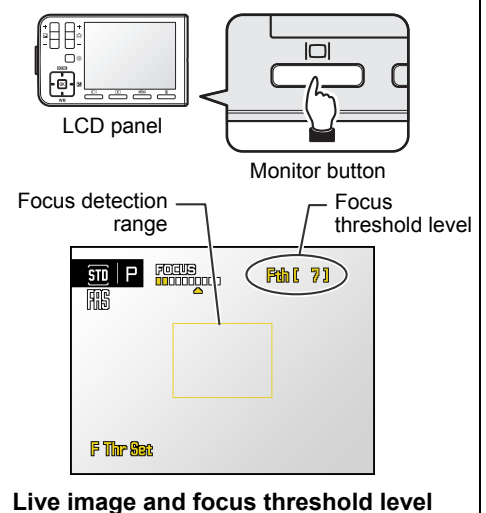

Mark and threshold level

✅ **Changing the focus threshold level in shooting mode**

In focus assist shooting mode, the threshold level can be changed even in shooting mode if the P-400R is not in the shooting state.

Press the monitor button (|▢|) in focus assist shooting mode to switch the display information on the LCD monitor to a live image with a focus threshold level.

This screen is displayed only in focus assist shooting mode and it displays the frame which indicates the focus detection range and [F Thr Set] which indicates that the focus threshold level is changeable.

To change the focus threshold level, press the top and bottom buttons of the multi-selector to select the value.

LCD panel

Monitor button

Focus detection range

Focus threshold level

Live image and focus threshold level

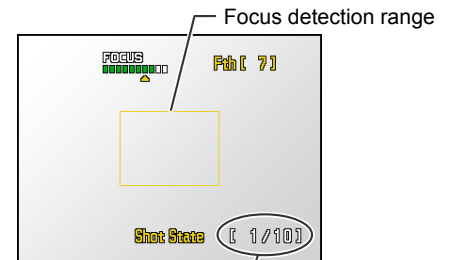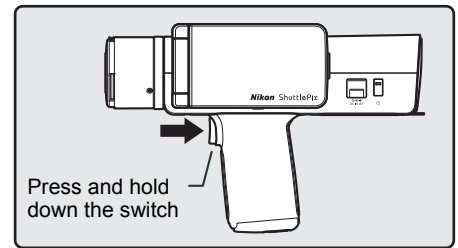## (3)   Capturing Images using the Focus Assist Shooting Function

Capture images in focus assist shooting mode by following the procedure below.

1 **Direct the P-400R to the object and adjust the illumination, composition and focus.**

2 **Press and hold the capture switch to perform focus assist shooting.**

When the capture switch is pressed, the P-400R is in the **shooting state** with [Shot State] displayed on the screen.
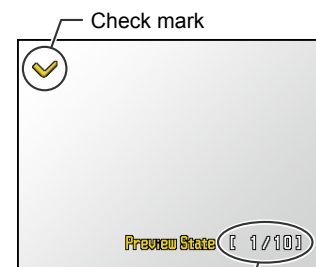
When the focus indicator level exceeds the threshold level while the capture switch is pressed and held down, a maximum of ten images are captured sequentially. Shooting finishes when ten images are captured or the capture switch is released.

* When the capture switch is released without capturing images, the P-400R enters shooting mode. Press and hold down the capture switch again to enter the shooting state.

3 **Check the captured images and select the images to be saved by turning on the check mark.**

After image capturing, the P-400R enters the preview state with [Preview State] displayed on the screen.

The first image captured in the shooting state is displayed on the LCD monitor and it's image number and total number of images are displayed at the bottom right of the LCD monitor.

Select an image to be saved to the SD card by following the procedure below.

- **Switching images**

  Press the right and left buttons of the multi-selector to switch the displayed image.

- **Turning on/off the check mark**

  Display the image and press the top and bottom buttons of the multi-selector to turn on/off the check mark.
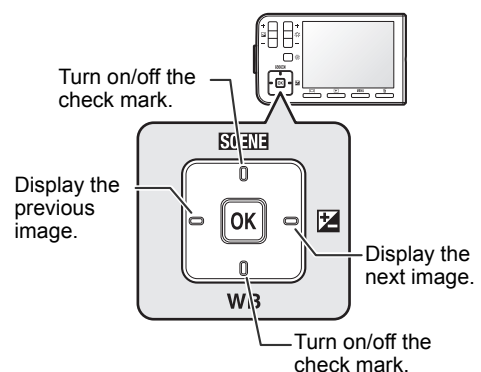
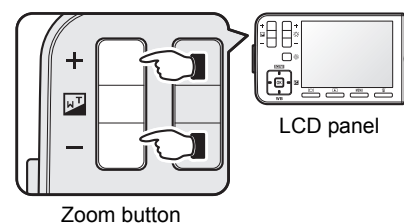 Turn on the check mark of images to be saved.

- **Enlarging the image**

  Press the [+] zoom button (⬚) to enlarge the image and the [+] and [–] buttons to switch the magnification.

  When the [OK] button is pressed while an enlarged image is displayed, the image is displayed at 100% magnification.

  * Check marks cannot be turned on or off when an enlarged image is displayed.

Press and hold down the switch

Focus detection range

The number of captured images and the max. number of capturable images

Shooting state (image being captured)

Check mark

Current image number and total number of captured images

Preview state (after image capturing)

Turn on/off the check mark.

Display the previous image.

Display the next image.

Turn on/off the check mark.

Switching the images and turning on/off the check mark
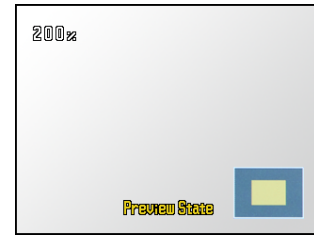

LCD panel

Zoom button

Enlarging an image and displaying images in thumbnails
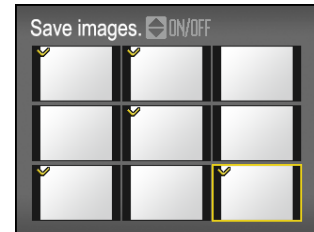
- **Displaying thumbnails of images**

  When the [–] zoom button (⊞) is pressed with an image being displayed at 100% magnification, thumbnail images are displayed.

  An image can be selected from the thumbnails using right and left buttons and the check mark can be turned on or off using the top and bottom buttons of the multi-selector.

  When the [+] zoom button is pressed, the selected image is displayed at 100% magnification again.

**Enlarging an image
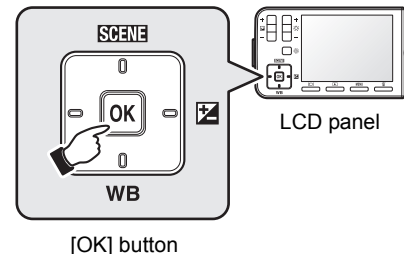(magnification switching using the zoom button)**

**Thumbnail display
(moved using the right/left buttons and selected/
deselected using the top/bottom buttons)**

4 **Save the selected images using the [OK] button.**

When the [OK] button is pressed in the 100% or thumbnail display, a save confirmation message appears.

* If the [OK] button is pressed without selecting images, an image selection confirmation message appears.

[OK] button

5 **Press [Yes] and [OK] to save the images and [No] and [OK] to finish the selection.**

When [Yes] is selected, images with check marks turned on are saved and the P-400R enters the shooting mode.

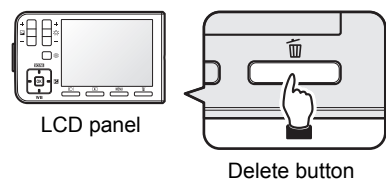When [No] is selected, the P-400R enters the preview state.
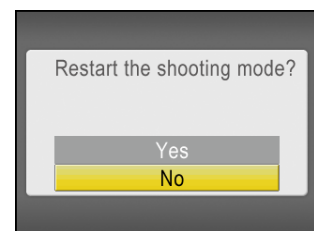

Saving images

✔ **Terminating the preview state immediately**

When the delete button (🗑) is pressed in the preview state, a confirmation message for entering the shooting mode appears.

Press [Yes] and [OK] to discard the images and enter shooting mode, or [No] and [OK] to enter the preview state.

LCD panel

Delete button

Discarding images

(4)   Display of the Focus Assist Shooting Mode

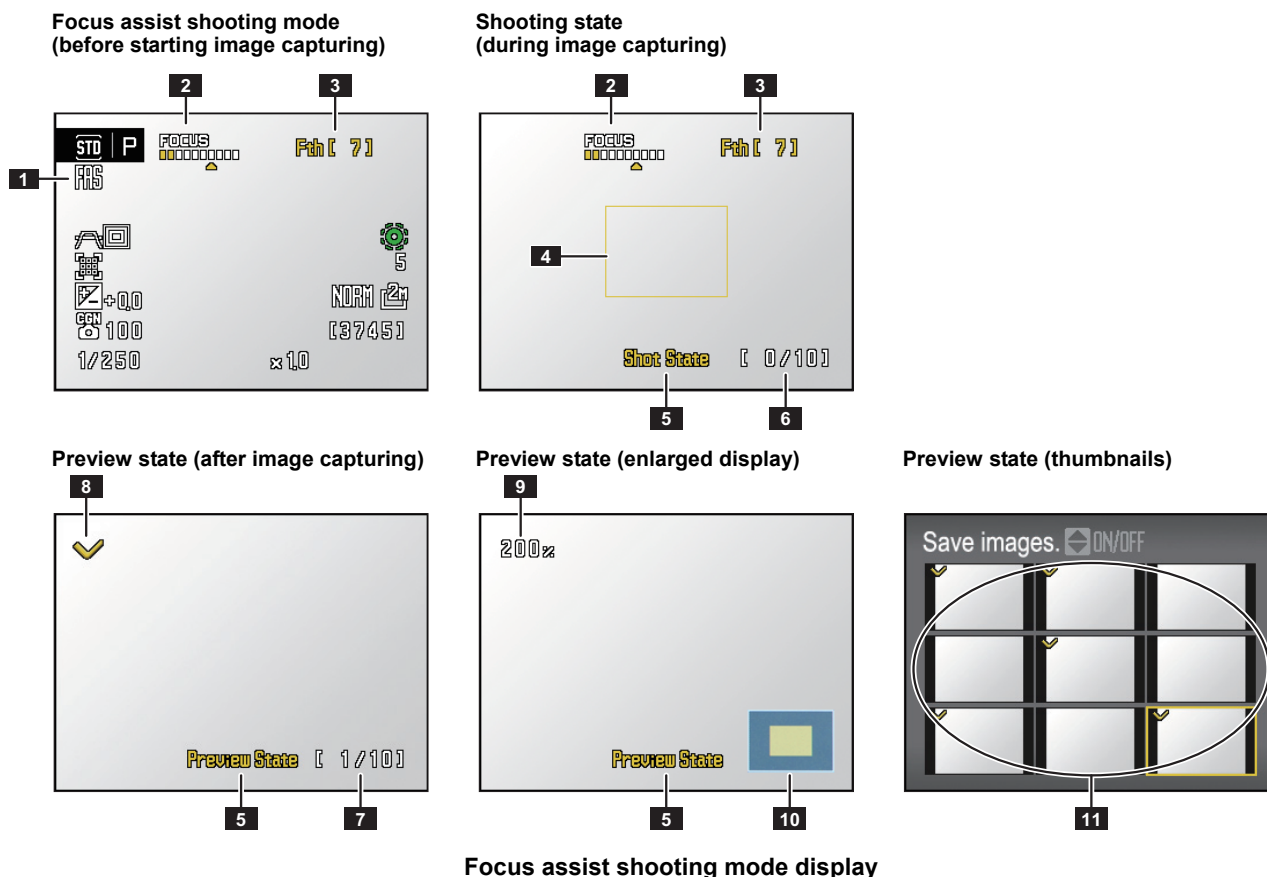The following screens are displayed when the focus assist shooting function is used.

Focus assist shooting mode (before starting image capturing)

Shooting state (during image capturing)

Preview state (after image capturing)

Preview state (enlarged display)

Preview state (thumbnails)

Focus assist shooting mode display

Table: Display when using the focus assist shooting function

No.	Item	Content
1	Continuous mode icon	FAS: Focus assist shooting mode
2	Focus indicator	10 levels, △: Focus threshold level mark
3	Focus threshold level	1 to 10
4	Focus detection range	The focus indicator displays the contrast within the frame.
5	Operation Status	Shot State: During image capturing (shooting state) Preview State: After image capturing (preview state)
6	Number of images	Captured images/maximum capturable images (max. 10 images)
7	Current image number	Current image number/total number of captured images (max. 10 images, switched using the right and left buttons)
8	Check mark	✓: Image to be captured (turned on or off using the top and bottom buttons)
9	Magnification	100%, 140%, 200%, 280%, 400%, 560%, 800%, 1000%, 1600%
10	Display position	Window that shows the current position of the enlarged image (movable using the multi-selector buttons)
11	Thumbnails	Thumbnails of the captured images Image frame: Image selection (switched using the right and left buttons) ✓: Images to be saved (turned on/of using the top and bottom buttons)