Nikon

En Added functions

The *Z fc Reference Guide* is for "C" firmware version 1.20. This supplement details the new features and changes introduced with camera "C" firmware versions 1.30 and 1.40. The two documents are to be read together.

Updating camera firmware

To view the camera firmware version or update the camera firmware, select [**Firmware version**] in the setup menu.

Updates can be performed using a computer or smart device.
- **Computer**: Check the Nikon Download Center for new versions of the camera firmware. Information on performing updates is available via the firmware download page.

  https://downloadcenter.nikonimglib.com/
- **Smart device**: If the smart device has been paired with the camera using the SnapBridge app, the app will automatically notify you when updates become available, and you can then download the update to the camera memory card via the smart device. For information on performing updates, see SnapBridge online help. Note that automatic notifications may not be displayed at exactly the same time as the updates are made available on the Nikon Download Center.

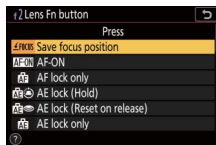# Features available with "C" firmware version 1.30

New options for Custom Settings f2 "Custom controls (shooting)" and g2 "Custom controls": "Save focus position" and "Recall focus position"

[**Save focus position**] and [**Recall focus position**] have been added to the roles that can be assigned to camera controls for Custom Settings f2 [**Custom controls (shooting)**] and g2 [**Custom controls**]. Assign [**Save focus position**] to [**Lens Fn button**] and [**Recall focus position**] to [**Lens Fn2 button**] respectively to save and quickly restore the lens's current focus position using these controls ("memory recall"). You may find this useful if you frequently return to subjects at a fixed focus distance.
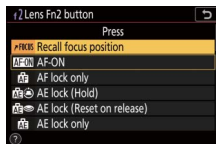
- Memory recall is available only when an autofocus Z mount lens equipped with **Fn** and **Fn2** buttons is mounted on the camera. If the lens is not equipped with an **Fn2** button, the camera cannot save the focus position even if the [**Save focus position**] is assigned to the lens **Fn** button.
- Focus positions can be saved and recalled in both photo and video modes.
- Focus positions can be saved in any focus mode.
- The stored focus position is reset when the lens is detached.

■ Memory recall

1 Select [Save focus position] for Custom Setting f2 [Custom controls (shooting)] or g2 [Custom controls] > [Lens Fn button].
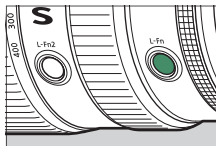
2 Select [Recall focus position] for Custom Setting f2 [Custom controls (shooting)] or g2 [Custom controls] > [Lens Fn2 button].
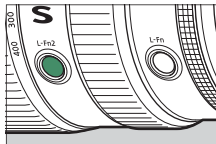
3 Focus on the desired subject in the shooting display and press and hold the lens Fn button.

A 🔅FOCUS icon will appear in the shooting display if the operation is successful.

4 Press the lens Fn2 button.

• The saved focus position will be restored.
• Holding the lens **Fn2** button activates manual focus, and the camera will not refocus if the shutter-release button is pressed halfway while the control is pressed.

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☑ Cautions: Memory recall

- Focus positions cannot be saved while shooting information is displayed.
- Changes in ambient temperature may result in focus being recalled to a position different from that at which it was saved.
- Previously-saved focus positions tend to change if recalled after lens focal length is adjusted via zoom. If a saved focus position is recalled after the lens focal length is adjusted, the camera will sound four short beeps, provided that an option other than [**Off**] is selected for [**Beep options**] > [**Beep on/off**] in the setup menu.

☑ Beep

- If an option other than [**Off**] is selected for [**Beep options**] > [**Beep on/off**] in the setup menu, the camera will sound two short beeps when a focus position is saved or recalled in photo mode.
- A beep does not sound in silent photography, video mode or when [**Off**] is selected for [**Beep options**] > [**Beep on/off**].

Features available with "C" firmware version 1.40

Support for power zoom lenses

❚❚ New options for Custom Settings: f7 and g5 "Power zoom (PZ) button options"

[**Power zoom (PZ) button options**] has been added as Custom Settings f7 and g5. Adjust the power zoom settings.

Item	Description
[**Use ⊕/⊖ buttons**]	If [**On**] is selected, you can zoom in electronically while pressing the ⊕ button and zoom out while pressing the ⊖ button (power zoom). • If the MC-N10 Remote Grip is connected to the camera, you can also zoom with the remote grip's ⊕ and ⊖ buttons when [**On**] is selected. • If the ML-L7 Remote Control is connected to the camera, you can also zoom with the remote control's + button (telephoto) and - button (wide-angle) when [**On**] is selected.
[**Power zoom speed**]	You can select the speed at which the lens zooms in and out using buttons assigned with the power zoom role by selecting negative values for a slower speed, or positive values for a faster speed. • In Custom Setting g5 [**Power zoom (PZ) button options**], you can set [**Pre/post recording**] and [**During recording**] separately.

- These options apply only with power zoom lenses.
- The addition of this menu item has changed the number of Custom Setting [**Highlight display**] from g5 to g6.

☒ Lens noise
- Noise from the lens during zoom may be audible in video footage. If you notice lens noise when you use buttons assigned with the power zoom role, setting Custom Setting g5 [**Power zoom (PZ) button options**] > [**Power zoom speed**] > [**During recording**] to slower zoom speeds is recommended.

▉ New option for the setup menu: "Save zoom position (PZ lenses)"

A [**Save zoom position (PZ lenses)**] option has been added to the setup menu. If [**On**] is selected, the camera will save the zoom position in effect when the camera is turned off and restore it when the camera is turned on.

- This option applies only with power zoom lenses.
- The zoom position is reset if the lens is replaced by one with a different product name.
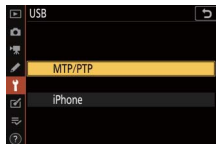
▉ New indicator for focal length in the shooting display

A focal length indicator has been added to the shooting display. Displayed only with power zoom lenses.

New option for the setup menu: "USB"

A [**USB**] option has been added to the setup menu. With this addition, an iPhone running the NX MobileAir smartphone app can now import pictures from the camera connected via a USB cable.

- Select [**MTP/PTP**] when connecting to computers or Android devices.
- Select [**iPhone**] only when connecting to iPhones via a third-party USB-C to Lightning cable in order to use NX MobileAir (for information on compatible USB-C to Lightning cables, see the online help for NX MobileAir).
- Whether or not the camera is connected to an iPhone, selecting [**iPhone**] will disable the features listed below. To access these features, select [**MTP/PTP**].
  - built-in camera network functions
  - the [**Wireless remote (ML-L7) options**] item in the setup menu
  - supplying power to the camera or charging the battery via USB (you will also not be able to supply power to the camera or charge the battery using an optional charging AC adapter)
- The NX MobileAir app is available from the Apple App Store® and Google Play™.

Support for MC-N10 Remote Grip

MC-N10 Remote Grip has been added to compatible accessories. When connected to the camera, the MC-N10 can be used for such tasks as video recording, photography, and adjusting camera settings. It comes equipped with a rosette for attachment to third-party camera equipment. With the MC-N10 mounted on third-party camera equipment via an ARRI-compatible rosette adapter, you can keep moving subjects in focus while panning the camera to track their motion, or use its conveniently-placed controls to adjust settings such as exposure and white balance without touching the camera.