

En Roles Assignable to Z 9 Custom Controls

Users can choose the roles played by certain camera controls during still photography, video recording, and playback. This document provides a list of the functions that can be assigned to each control.
 • The items shown may vary with the lens and with lens and camera firmware. The tables that follow list the items shown when a NIKKOR Z 70–200mm f/2.8 VR S lens with lens firmware version 1.20 is attached to a camera with “C” firmware version 2.00.

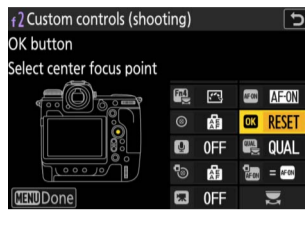
Still Photography

The roles played by custom controls during still photography are chosen using Custom Setting f2 [Custom controls (shooting)].

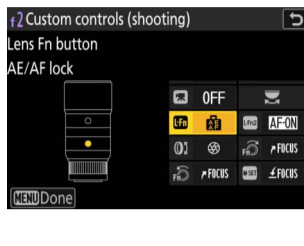
■ Customizable Controls



Fn1 button
Shooting menu bank



OK button
Select center focus point



Lens Fn button
AE/AF lock

Fn1 [Fn1 button]
 Fn2 [Fn2 button]
 Fn3 [Fn3 button]
 Fn [Fn button for vertical shooting]
 Fn4 [Protect/Fn4 button]
 AF-ON [AF-ON button]
 ⊙ [Sub-selector center]

OK [OK button]
 🔊 [Audio button]
 QUAL [QUAL button]
 🔄 [Vertical multi selector center]
 AF-ON [AF-ON button for vertical shooting]
 🎥 [Video record button]
 📶 [Command dials]

L.Fn [Lens Fn button]
 L.Fn2 [Lens Fn2 button]
 🌀 [Lens control ring]
 🕒 [Lens Fn ring (clockwise)]
 🕒 [Lens Fn ring (counterclockwise)]
 M.SET [Lens memory set button]

■ Available Roles

Role	Fn1	Fn2	Fn3	Fn	Fn4	AF-ON	⊙	OK	🔊	QUAL	🔄	AF-ON	🎥	📶	L.Fn	L.Fn2	🌀	🕒	🕒	M.SET
PRE [Preset focus point]	✓	✓	✓	—	—	✓	✓	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
RESET [Select center focus point]	—	—	—	—	—	✓	✓	✓	—	—	✓	✓	—	—	—	—	—	—	—	—
↵ FOCUS [Save focus position]	✓	✓	✓	—	—	✓	✓	—	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
↶ FOCUS [Recall focus position]	✓	✓	✓	—	—	✓	✓	—	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
[+] [AF-area mode]	✓	✓	✓	—	—	✓	✓	—	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
[AF-ON] [AF-area mode + AF-ON]	✓	✓	✓	—	—	✓	✓	—	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
AF-ON [AF-ON]	✓	✓	✓	—	—	✓	✓	—	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
🔒 [AF lock only]	✓	✓	✓	—	—	✓	✓	—	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
🔒 [AE lock (Hold)]	✓	✓	✓	✓	—	✓	✓	—	—	—	✓	✓	✓	—	✓	✓	—	✓	✓	✓
🔒 [AWB lock (hold)]	✓	✓	✓	✓	—	✓	✓	—	—	—	✓	✓	✓	—	✓	✓	—	✓	✓	✓
🔒 [AE/AWB lock (hold)]	✓	✓	✓	✓	—	✓	✓	—	—	—	✓	✓	✓	—	✓	✓	—	✓	✓	✓
🔒 [AE lock (Reset on release)]	✓	✓	✓	✓	—	✓	✓	—	—	—	✓	✓	✓	—	✓	✓	—	✓	✓	✓
🔒 [AE lock only]	✓	✓	✓	—	—	✓	✓	—	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
🔒 [AE/AF lock]	✓	✓	✓	—	—	✓	✓	—	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
🔒 [FV lock]	✓	✓	✓	✓	—	—	✓	—	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
🔒 [Disable/enable]	✓	✓	✓	—	—	—	✓	—	—	—	✓	—	—	—	✓	✓	—	✓	✓	✓
📷 [Preview]	✓	✓	✓	✓	—	—	✓	—	—	—	✓	—	—	—	✓	✓	—	✓	✓	✓
📷 [Recall shooting functions]	✓	✓	✓	—	—	✓	✓	—	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
📷 [Recall shooting functions (hold)]	✓	✓	✓	✓	—	✓	✓	—	—	—	✓	✓	✓	—	✓	✓	—	✓	✓	✓
BKT [Bracketing burst]	✓	✓	✓	—	—	—	✓	—	—	—	✓	—	—	—	✓	✓	—	✓	✓	✓
📷 [Sync. release selection]	✓	✓	✓	—	—	—	✓	—	—	—	✓	—	—	—	✓	✓	—	✓	✓	✓
+RAW [+ RAW]	✓	✓	✓	✓	—	—	✓	—	—	—	✓	—	✓	—	✓	✓	—	✓	✓	✓
📷 [Silent mode]	✓	✓	✓	✓	—	—	✓	—	—	—	✓	—	✓	—	✓	✓	—	✓	✓	✓
📷 [Live view info display off]	✓	✓	✓	✓	—	✓	✓	—	—	—	✓	✓	✓	—	✓	✓	—	✓	✓	✓
📷 [Framing grid]	✓	✓	✓	✓	—	—	✓	—	—	—	✓	—	✓	—	✓	✓	—	✓	✓	✓
📷 [Zoom on/off]	✓	✓	✓	✓	—	✓	✓	✓	—	—	✓	✓	✓	—	✓	✓	—	✓	✓	✓
📷 [Virtual horizon]	✓	✓	✓	✓	—	—	✓	—	—	—	✓	—	✓	—	✓	✓	—	✓	✓	✓
STAR [Starlight view (photo Lv)]	✓	✓	✓	—	—	—	✓	—	—	—	✓	—	✓	—	✓	✓	—	✓	✓	✓
PEAK [Focus peaking display]	✓	✓	✓	—	—	—	✓	—	—	—	✓	—	✓	—	✓	✓	—	✓	✓	✓
📷 [MY MENU]	✓	✓	✓	✓	✓	—	—	—	—	—	—	✓	—	—	✓	✓	—	✓	✓	✓
📷 [Access top item in MY MENU]	✓	✓	✓	✓	✓	—	—	—	—	—	—	✓	—	—	✓	✓	—	✓	✓	✓
📷 [Playback]	✓	✓	✓	✓	✓	—	—	—	—	—	—	—	✓	—	✓	✓	—	✓	✓	✓
📷 [Filtered playback]	✓	✓	✓	✓	✓	—	—	—	—	—	—	—	✓	—	✓	✓	—	✓	✓	✓
📷 [Same as AF-ON button]	—	—	—	—	—	—	—	—	—	—	—	✓	—	—	—	—	—	—	—	—
SHOOT [Shooting menu bank]	✓	✓	✓	✓	✓	—	—	—	—	—	—	—	✓	—	—	—	—	—	—	—
MODE [Shooting mode]	—	—	—	✓	—	—	—	—	—	—	—	—	✓	—	—	—	—	—	—	—
📷 [Choose image area]	✓	✓	✓	✓	✓	—	—	—	—	—	—	—	✓	—	—	—	—	—	—	—
QUAL [Image quality/size]	✓	✓	✓	✓	✓	—	—	—	—	—	—	—	✓	—	—	—	—	—	—	—
📷 [Set Picture Control]	✓	✓	✓	✓	✓	—	—	—	—	—	—	—	✓	—	—	—	—	—	—	—
📷 [Active D-Lighting]	✓	✓	✓	✓	✓	—	—	—	—	—	—	—	✓	—	—	—	—	—	—	—
📷 [Metering]	✓	✓	✓	✓	✓	—	—	—	✓	✓	—	—	✓	—	—	—	—	—	—	—
📷 [Flash mode/compensation]	✓	✓	—	✓	—	—	—	—	—	—	—	—	✓	—	—	—	—	—	—	—
AF/AF-ON [Focus mode/AF-area mode]	✓	✓	✓	✓	✓	—	—	—	✓	✓	—	—	✓	—	—	—	—	—	—	—
BKT [Auto bracketing]	✓	✓	✓	✓	✓	—	—	—	✓	✓	—	—	✓	—	—	—	—	—	—	—
📷 [Multiple exposure]	✓	✓	✓	✓	✓	—	—	—	✓	✓	—	—	✓	—	—	—	—	—	—	—
HDR [HDR overlay]	✓	✓	✓	✓	✓	—	—	—	✓	✓	—	—	✓	—	—	—	—	—	—	—
LOCK [Control lock]	✓	✓	✓	✓	✓	—	—	—	✓	✓	—	—	✓	—	—	—	—	—	—	—
📷 [1 step spd/aperture]	✓	✓	✓	✓	✓	—	—	—	✓	✓	—	—	✓	—	—	—	—	—	—	—
Non-CPU [Choose non-CPU lens number]	✓	✓	✓	✓	✓	—	—	—	✓	✓	—	—	✓	—	—	—	—	—	—	—
M/A [Focus (M/A)]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
📷 [Aperture]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	✓	—	—	—
📷 [Exposure compensation]	—	—	—	✓	—	—	—	—	—	—	—	—	—	—	—	—	✓	—	—	—
ISO [ISO sensitivity]	—	—	—	✓	—	—	—	—	—	—	—	—	—	—	—	—	✓	—	—	—
📷 [Aperture (close)]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	✓	—	—
📷 [Aperture (open)]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	✓	—
📷 [Exposure compensation +]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	✓	—
📷 [Exposure compensation -]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	✓
ISO+ [ISO sensitivity (increase)]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	✓
ISO- [ISO sensitivity (decrease)]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	✓
[None]	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Role with command dial	Fn1	Fn2	Fn3	Fn	Fn4	AF-ON	⊙	OK	🔊	QUAL	🔄	AF-ON	🎥	📶	L.Fn	L.Fn2	🌀	🕒	🕒	M.SET
[Exposure setting]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	✓	—	—	—	—	—
[Focus/AF-area mode selection]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	✓	—	—	—	—	—
[Sub-command dial zoom role]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	✓	—	—	—	—	—

Video Recording

The roles played by custom controls during video recording are chosen using Custom Setting g2 [Custom controls].

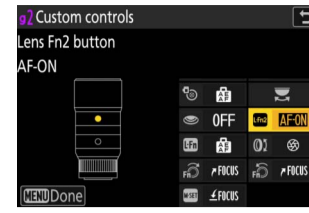
Customizable Controls



- [Fn1 button]
- [Fn2 button]
- [Fn3 button]
- [Fn button for vertical shooting]
- [Focus mode button]
- [AF-ON button]
- [Protect/Fn4 button]



- [OK button]
- [Sub-selector center]
- [QUAL button]
- [Audio button]
- [AF-ON button for vertical shooting]
- [Vertical multi selector center]
- [Command dials]



- [Shutter-release button]
- [Lens Fn2 button]
- [Lens Fn button]
- [Lens control ring]
- [Lens Fn ring (clockwise)]
- [Lens Fn ring (counterclockwise)]
- [Lens memory set button]

Available Roles

Role	Fn1	Fn2	Fn3	Fn button for vertical shooting	Focus mode button	AF-ON	Protect/Fn4	OK	Sub-selector center	QUAL	Audio	AF-ON button for vertical shooting	Vertical multi selector center	Command dials	Shutter-release	Lens Fn2	Lens Fn	Lens control ring	Lens Fn ring (clockwise)	Lens Fn ring (counterclockwise)	Lens memory set
PRE ^{Fn} [Preset focus point]	—	—	—	—	—	✓	—	✓	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
RESET [Select center focus point]	—	—	—	—	—	✓	—	✓	✓	—	—	✓	✓	—	—	—	—	—	—	—	—
FOCUS [Save focus position]	✓	✓	✓	—	—	✓	—	—	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
FOCUS [Recall focus position]	✓	✓	✓	—	—	✓	—	—	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
AF-ON [AF-ON]	—	—	—	—	—	✓	—	—	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
FAST [Fast AF-ON]	—	—	—	—	—	✓	—	—	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
AF [AF lock only]	—	—	—	—	—	✓	—	—	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
AF [AE lock (Hold)]	—	—	—	✓	—	✓	—	—	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
AWB [AWB lock (hold)]	—	—	—	✓	—	✓	—	—	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
AE/AWB [AE/AWB lock (hold)]	—	—	—	✓	—	✓	—	—	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
AE [AE lock only]	—	—	—	—	—	✓	—	—	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
AE/AF [AE/AF lock]	—	—	—	—	—	✓	—	—	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
Silent mode [Silent mode]	✓	✓	✓	✓	—	—	—	—	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
Live view info display off [Live view info display off]	✓	✓	✓	✓	—	✓	—	—	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
Framing grid [Framing grid]	✓	✓	✓	✓	—	—	—	—	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
Zoom on/off [Zoom on/off]	✓	✓	✓	✓	—	✓	—	—	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
Virtual horizon [Virtual horizon]	✓	✓	✓	✓	—	—	—	—	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
Focus peaking display [Focus peaking display]	✓	✓	✓	—	—	—	—	—	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
MY MENU [MY MENU]	✓	✓	✓	✓	—	—	✓	—	—	—	—	—	—	—	—	✓	✓	—	✓	✓	✓
Access top item in MY MENU [Access top item in MY MENU]	✓	✓	✓	✓	—	—	✓	—	—	—	—	—	—	—	—	✓	✓	—	✓	✓	✓
Role	Fn1	Fn2	Fn3	Fn button for vertical shooting	Focus mode button	AF-ON	Protect/Fn4	OK	Sub-selector center	QUAL	Audio	AF-ON button for vertical shooting	Vertical multi selector center	Command dials	Shutter-release	Lens Fn2	Lens Fn	Lens control ring	Lens Fn ring (clockwise)	Lens Fn ring (counterclockwise)	Lens memory set
Playback [Playback]	✓	✓	✓	✓	—	—	✓	—	—	—	—	—	—	—	—	✓	✓	—	✓	✓	✓
Filtered playback [Filtered playback]	✓	✓	✓	✓	—	—	✓	—	—	—	—	—	—	—	—	✓	✓	—	✓	✓	✓
Power aperture (open) [Power aperture (open)]	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Power aperture (close) [Power aperture (close)]	—	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exposure compensation + [Exposure compensation +]	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exposure compensation - [Exposure compensation -]	—	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
ISO sensitivity (increase) [ISO sensitivity (increase)]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
ISO sensitivity (decrease) [ISO sensitivity (decrease)]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pattern tone range [Pattern tone range]	✓	✓	✓	—	—	—	—	—	✓	—	—	✓	✓	—	—	✓	✓	—	✓	✓	✓
Record videos [Record videos]	—	—	—	—	✓	✓	—	✓	✓	—	—	✓	✓	—	✓	—	—	—	—	—	—
Same as AF-ON button [Same as AF-ON button]	—	—	—	—	—	—	—	—	—	—	—	✓	✓	—	—	—	—	—	—	—	—
SHOOT [Shooting menu bank]	✓	✓	✓	✓	—	—	✓	—	—	✓	✓	—	—	—	—	—	—	—	—	—	—
MODE [Shooting mode]	—	—	—	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Choose image area [Choose image area]	✓	✓	✓	✓	—	—	✓	—	—	✓	✓	—	—	—	—	—	—	—	—	—	—
Set Picture Control [Set Picture Control]	✓	✓	✓	✓	—	—	✓	—	—	✓	✓	—	—	—	—	—	—	—	—	—	—
Active D-Lighting [Active D-Lighting]	✓	✓	✓	✓	—	—	✓	—	—	✓	✓	—	—	—	—	—	—	—	—	—	—
Metering [Metering]	✓	✓	✓	✓	—	—	✓	—	—	✓	✓	—	—	—	—	—	—	—	—	—	—
AF/L [Focus mode/AF-area mode]	✓	✓	✓	✓	✓	—	✓	—	—	✓	✓	—	—	—	—	—	—	—	—	—	—
LOCK [Control lock]	✓	✓	✓	✓	—	—	✓	—	—	✓	✓	—	—	—	—	—	—	—	—	—	—
Microphone sensitivity [Microphone sensitivity]	✓	✓	✓	✓	—	—	✓	—	—	✓	✓	—	—	—	—	—	—	—	—	—	—
Role	Fn1	Fn2	Fn3	Fn button for vertical shooting	Focus mode button	AF-ON	Protect/Fn4	OK	Sub-selector center	QUAL	Audio	AF-ON button for vertical shooting	Vertical multi selector center	Command dials	Shutter-release	Lens Fn2	Lens Fn	Lens control ring	Lens Fn ring (clockwise)	Lens Fn ring (counterclockwise)	Lens memory set
M/A [Focus (M/A)]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Power aperture [Power aperture]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exposure compensation [Exposure compensation]	—	—	—	✓	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
ISO [ISO sensitivity]	✓	✓	✓	✓	—	✓	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
[None]	✓	✓	✓	✓	—	✓	—	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Role with command dial	Fn1	Fn2	Fn3	Fn button for vertical shooting	Focus mode button	AF-ON	Protect/Fn4	OK	Sub-selector center	QUAL	Audio	AF-ON button for vertical shooting	Vertical multi selector center	Command dials	Shutter-release	Lens Fn2	Lens Fn	Lens control ring	Lens Fn ring (clockwise)	Lens Fn ring (counterclockwise)	Lens memory set
Exposure setting [Exposure setting]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	✓	—	—	—	—	—	—
Focus/AF-area mode selection [Focus/AF-area mode selection]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	✓	—	—	—	—	—	—
Sub-command dial zoom role [Sub-command dial zoom role]	—	—	—	—	—	—	—	—	—	—	—	—	—	—	✓	—	—	—	—	—	—

Playback

The roles played by custom controls during playback are chosen using Custom Setting f3 [Custom controls (playback)].

Customizable Controls



Custom controls (playback)
Fn1 button
None



Custom controls (playback)
WB button
Select for upload to computer

- [Fn1 button]
- [Fn2 button]
- [Fn3 button]
- [Fn button for vertical shooting]
- [Protect/Fn4 button]
- [OK button]
- [Audio button]

- [QUAL button]
- [WB button]
- [Vertical shooting multi selector]
- [Main command dial]
- [Sub-command dial]
- [Video record button]

Available Roles

Role		Fn1	Fn2	Fn3	Fn	Fn4	OK	Audio	QUAL	WB	Vertical shooting multi selector	Main command dial	Sub-command dial	Video record button
	[Protect]	✓	✓	✓	✓	✓	—	✓	✓	✓	—	—	—	✓
	[Zoom on/off]	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	✓
	[Filtered playback]	✓	✓	✓	✓	✓	✓	✓	✓	✓	—	—	—	✓
	[Voice memo]	✓	✓	✓	✓	✓	—	✓	✓	✓	—	—	—	✓
	[Select for upload to computer]	✓	✓	✓	✓	✓	—	✓	✓	✓	—	—	—	✓
	[Select for upload (FTP)]	✓	✓	✓	✓	✓	—	✓	✓	✓	—	—	—	✓
	[Rating]	✓	✓	✓	✓	✓	—	✓	✓	✓	—	—	—	✓
	[Thumbnail on/off]	—	—	—	—	—	✓	—	—	—	—	—	—	—
	[View histograms]	—	—	—	—	—	✓	—	—	—	—	—	—	—
	[Choose slot and folder]	—	—	—	—	—	✓	—	—	—	—	—	—	—
	[Switched]	—	—	—	—	—	—	—	—	—	✓	—	—	—
	[Unswitched]	—	—	—	—	—	—	—	—	—	✓	—	—	—
	[None]	✓	✓	✓	✓	✓	—	✓	✓	✓	—	—	—	✓
Role with command dial		Fn1	Fn2	Fn3	Fn	Fn4	OK	Audio	QUAL	WB	Vertical shooting multi selector	Main command dial	Sub-command dial	Video record button
	[Frame advance]	—	—	—	—	—	—	—	—	—	—	✓	✓	—
	[Video playback]	—	—	—	—	—	—	—	—	—	—	✓	✓	—