

Nikon Z 9 Settings

04.22.22 Settings

Firmware 2.0

PHOTO SHOOTING MENU

Shooting menu bank - A

Extended menu banks - OFF

Storage folder – NCZ91

File naming – BMP

Role played by card in Slot 2 - Overflow

Image area > FX

> DX crop alert - ON

Image quality - RAW

Image size - L

RAW recording > ON > Lossless compression

ISO sensitivity settings > 100

> Auto ISO sensitivity control – OFF

White balance > Auto > Auto1

Set Picture Control > A Auto

> Standard > Sharpening +5 > Mid-range sharpening +5 > Clarity 0.50

> Monochrome > Sharpening +5 > Mid-range sharpening +5 > Clarity +4 > Contrast +2 > Filter effects R

> Flat > Sharpening +5 > Clarity +1

> #17 Charcoal > Effect Level 50 > Quick Sharp 0 > Sharpening +5 > Mid-range sharpening +2 > Clarity +3 > Contrast 0 > Filter effect ORNG > Toning - None

Manage Picture Control

Color Space > Adobe

Active D-Lighting – OFF

Long exposure NR – OFF

High ISO NR – OFF

Vignette control – N

Diffraction compensation - ON

Auto distortion control – ON

Photo flicker reduction - OFF

Metering - Matrix

Flash control (grayed out unless WR-R10/11a connected) WR-R11a connected

> CMD

> Flash compensation –

> Flash compensation (TTL) 0.0

> Wireless flash options > Radio AWL

> Remote flash control > GRP

> Group flash options > Group A > M > 1/16

> Radio remote flash info

Focus mode AF-C

AF-area mode > 3D (primary) Auto-area AF (secondary) or Dynamic-area AF (M)

> Wide-area AF (C1) > 13x1

> Wide-area AF (C2) > 1x7

AF subject detection options – animal (as per subject)

Vibration reduction > SPT

Auto bracketing set > AE↕

Multiple exposure – OFF

HDR overlay - OFF

Interval timer shooting – OFF

Time-lapse video - OFF

Focus shift shooting - OFF

VIDEO RECORDING MENU

Shooting menu bank – A

Extended menu banks – OFF

Storage folder – NCZ91

File naming > BMP

Destination – 2

Video file type – H.265/10 bit

Frame size/frame rate – 2160/30

Video quality (N-RAW) > HIGH

Image area > FX

Extended oversampling > ON

ISO sensitivity settings > Maximum sensitivity > 10000

> Auto ISO control (mode M) > OFF

> ISO sensitivity (mode M) > 64

White balance > Auto1

Set Picture Control > FL

Manage Picture Control > - -

HLG quality (grayed out)

Active D-Lighting > OFF

HIGH ISO NR > OFF

Vignette control - N

Diffraction compensation - ON

Auto distortion control - ON

Video flicker reduction > Auto

Metering – Matrix

Focus Mode – AF-F

AF-area mode – Subject-tracking AF

AF subject detection options – people (subject dependent)

Vibration reduction – SPT

Electronic VR - OFF

Microphone sensitivity > Manual sensitivity > 15

Attenuator > ON

Frequency response > Voice

Wind noise reduction > ON

Mic jack plug-in power - ON

Headphone volume > Manual sensitivity >15

Timecode –

External rec. cntrl (HDMI) - OFF

CUSTOM SETTING MENU

Custom settings bank – A

a Focus

- a1* AF-C priority selection > Focus + release
- a2 AF-S priority selection > Focus
- a3* Focus tracking with lock-on > Blocked shot AF response > 4
- a4 Focus points used > ALL
- a5* Store by orientation > Focus point
- a6* AF activation > OFF
- a7 Focus point persistence - AUTO
- a8 Limit AF-area mode selection > Pinpoint
 - > Dynamic-area (M)
 - > 3D-tracking
 - > Auto-area AF
- a9 Focus mode restrictions > Continuous AF
- a10* Focus point wrap-around > ON
- a11* Focus point display > Manual focus mode > ON
 - > Dynamic-area assist > ON
 - > AF-C in-focus display > ON
- a12 Built-in AF-assist illuminator – ON
- a13* Focus peaking > Focus peaking display > ON
 - > Focus peaking sensitivity > PEAK 2
 - > Focus peaking highlight color > Y
- a14* Focus point selection speed > HIGH
- a15 Manual focus ring in AF mode – ON (only appears in Menu when Z lens with focusing ring is attached)

b Metering/exposure

- b1* ISO sensitivity step value > 1
- b2 EV steps for exposure cntrl > 1/3
- b3 Easy exposure compensation – OFF
- b4 Matrix metering face detection - ON
- b5 Center-weighted area – STNDRD
- b6 Fine-tune optimal exposure - -
- b7 Keep exp. when f/changes > OFF

c Timers/AE lock


- c1 Shutter-release button AE-L > OFF
- c2 Self-timer > Self-timer delay > 2s
 - > Number of shots > 9
 - > Interval between shots > 0.5s
- c3* Power off delay > Playback 20s
 - > Menus 1m
 - > Image review 10s
 - > Standby times Unlimited

d Shooting/display

- d1 Continuous shooting speed > Continuous high-speed > 20
 - > Continuous low-speed > 5
- d2 Maximum shots per burst > infinity

- d3 Limit release mode selection > all defaults
- d4 C30/C120 options > Pre-release burst > OFF
 - > Post-release burst > MAX
- d5 Sync. release mode options - Sync
- d6* Extended shutter speeds (M) - ON
- d7* Limit selectable image area >FX
 - >DX
- d8 File number sequence > ON
- d9* View mode (photo Lv) > Adjust for ease of viewing > Auto
- d10 Starlight view (photo Lv) – OFF
- d11 Warm display colors - OFF
- d12 LCD illumination - OFF
- d13 View all in continuous mode > ON
- d14* Release timing indicator > Type C
- d15*Image frame – OFF
- d16* Grid type – 4x4
- d17* Virtual horizon type – Type B
- d18* Custom monitor shooting display > Display 1
 - > Display 2
 - > Display 4
- d19* Custom viewfinder shooting display > Display 1
 - > Display 2
 - > Display 4
- d20* High fps viewfinder display > ON

e Bracketing/flash

- e1*Flash sync speed > 1/250*
- e2*Flash shutter speed > 1/2
- e3* Exposure comp. for flash > Background only
- e4* Auto  ISO sensitivity control > Subject only
- e5 Modeling flash > ON
- e6 Auto bracketing (mode M) > Flash/speed
- e7*Bracketing order > Under>MTR>over
- e8 Flash burst priority > Prioritize flash control

f Controls

- f1* Customize *i* menu > Set Picture Control > White balance > Group flash options > Radio remote flash info > Flash info > Silent Mode Multiple Exp > AF-area mode/subj.detection > Time-lapse video > Exposure Compensation > Choose image area > Split-screen display zoom > Wireless options/flash mode
- f2* Custom controls (shooting) > Fn1 > Playback
 - > Fn2 > Framing grid
 - > Fn3 > Fx/Dx
 - > Fn button for vertical shooting > Framing grid
 - >Protect/Fn4 button > Playback
 - >AF-ON > AF-ON
 - > Sub-selector center > AF-area mode + AF-ON > Dynamic AF (M)
 - > OK > Zoom on/off
 - > Audio button > OFF

- > QUAL button > Set Picture control
- > Vertical multi selector center > AF-area mode + AF-ON > Dynamic AF (M)
- > AF-ON button for vertical shooting > Same as AF-ON button
- > Video record button > Virtual Horizon
- > Command dials
- > Lens Fn button > AE/AF lock
- > Lens Fn2 button > AF-ON
- > Lens control ring > M/A (this is lens centric)
- > Lens Fn ring (clockwise) > FOCUS
- > Lens Fn ring (counterclockwise) > FOCUS
- > Lens memory set button > Save focus position

f3* Custom controls (playback) > all the defaults

f4 Control lock

f5* Reverse dial rotation – Exposure compensation

f6 Release button to use dial - OFF

f7 Reverse indicators > – 0 +

f8 Reverse ring for focus – OFF

f9 Focus ring rotation range (grayed out)

f10 Control ring response – HIGH

f11 Switch focus/control ring roles > OFF (grayed out is lens w/o two rings not attached)

f12 Full-frame playback flicks

f13 Prefer sub-selector center > ON

g Video

g1* Customize *i* menu > Set Picture Control > White balance > Frame size/frame rate > Microphone sensitivity
 > AF-area mode/subj. detection > Focus mode > View video info > Vibration reduction
 > Multi-selector power aperture > Custom controls > Choose image area > ISO

g2* Custom control assignment > Fn1 > Playback

- > Fn2 > Recall focus position
- > Fn3 > Choose Image Area
- > Fn button for vertical shooting > Exposure compensation
- > Focus mode button > Focus mode/AF-area mode
- > AF-ON button > Fast AF-ON
- > Protect/Fn4 button > Playback
- > OK button > Select center focus point
- > Sub-selector center > Preset focus point
- > QUAL button > None
- > Audio button > Microphone sensitivity
- > AF-ON button for vertical shooting > Same as AF-ON button
- > Vertical multi selector center > Preset focus point
- > Command dials > default
- > Shutter-release button > Record videos
- > Lens Fn button > AE/AF lock
- > Lens control ring > None
- > Lens Fn ring (clockwise) > Recall focus position
- > Lens Fn ring (counterclockwise) > Recall focus position
- > Lens memory set button > Save focus position

g3 Control lock - OFF

g4 Limit AF-area mode selection
g5 Focus mode restrictions
g6 AF speed - 0
g7 AF tracking sensitivity – 4
g8* Fine ISO control (mode M) > ON
g9 Extended shutter speeds (mode M) > OFF
g10 View assist – OFF
g11* Zebra pattern > Pattern tone range > OFF
 > Pattern > Pattern 1
 > Highlight threshold > 240
 > Mid-tone range > 160
g12* Limit zebra pattern tone range > Highlights
g13* Grid type > 4x4
g14* Brightness information display > WFM
g15 Custom monitor shooting display
g16 Custom viewfinder shooting display
g17 Red REC frame indicator > ON

PLAYBACK MENU

Delete

Playback folder – ALL

Playback display options > Additional photo info > Exposure info

- > Highlights
- > Shooting data
- > Overview
- > None (picture only)
- > Basic shooting data
- > Flash data
- > Location data

Delete pictures from both slots - OFF

Dual-format recording PB slots - 1

Filtered playback criteria

Picture review - OFF

After delete > Show next

After burst, show > First picture in burst

Rotate tall > OFF

Copy images(s)

SETUP MENU

Format memory card - -

Language > English

Time zone and date – (always set to current location)

Monitor brightness – 0

Monitor color balance –

Viewfinder brightness

Viewfinder color balance

Finder display size (photo Lv) - STNDRD

Limit monitor mode selection –
Auto rotate info display - ON
AF fine-tuning options - OFF
Non-CPU lens data – No.1
Save focus position – OFF
Auto temperature cutout > STNDRD
Sensor shield behavior at power off - ON
Clean image sensor > Start
Image Dust Off ref photo
Pixel mapping
Image comment – ON
Copyright information – ON
IPTC
Voice memo options > Voice memo control > Press to start/stop
> Audio output (playback) > 15
Camera sounds > Shutter sound > ON
> Beep on/off > OFF
> Volume > 1
> Pitch > Low
Silent mode - OFF
Touch controls > Enable/disable touch controls > ON > Enable
> Glove mode > ON
HDMI > Output resolution > Auto
> Output range > Auto
> Output shooting info > ON
> Mirror camera info display > ON
USB connection priority – Shooting
Location data (built-in) > Record location data > ON
> Standby timer > ON
> Set clock from satellite > ON
> Create log
> Log list
> Position
Wireless remote (WR) options -- (grayed out)
Assign remote (WR) Fn button > AF-ON
Conformity marking --
Battery info –
USB power delivery – ON
Energy saving (photo mode) - ON
Slot empty release lock > OK
Save/load menu settings - -
Reset all settings - -
Firmware version - -

NETWORK MENU

Airplane mode – OFF
Wired LAN – OFF

Connect to smart device – OFF
Connect to computer – OFF
Connect to FTP server – OFF
Connect to other cameras – ON
USB – MTP/PTP
Start via LAN – OFF
Router frequency band – 2.4G/5G
MAC address

MY MENU

Time zone and date
Create Log
Wireless flash options
Time-lapse video
Sensor shield behavior at power - ON
Clean image sensor
Connect to smart device
a3 Focus tracking with lock-on

blank = default

* = modified