

Nikon Z 9 Settings

03.13.24 Settings

Firmware 5.0

PHOTO SHOOTING MENU

Shooting menu bank - A

Extended menu banks - OFF

Storage folder – NCZ_9

File naming – BMP

Role played by card in Slot 2 - Overflow

Image area > FX

> DX crop alert - ON

Image quality - RAW

Image size settings (grayed out when Image quality set to Raw)

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 mode – Type A

High ISO NR – OFF

Vignette control – N

Diffraction compensation - ON

Auto distortion control – ON

Skin softening – OFF

Portrait impression balance - OFF

Photo flicker reduction – OFF

High-frequency 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 > ON > Normal

Auto bracketing set > AE

Multiple exposure – OFF

HDR overlay - OFF

Interval timer shooting – OFF

Time-lapse video - OFF

Focus shift shooting – OFF

Auto capture

VIDEO RECORDING MENU

Shooting menu bank – A

Extended menu banks – OFF

Storage folder – NCZ_9

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

>DX crop alert - ON

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 > SD

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

Skin softening – OFF

Portrait impression balance - OFF

Video flicker reduction > Auto

High-frequency flicker reduction - OFF

Metering – Matrix

Focus Mode – AF-F

AF-area mode – Subject-tracking AF

AF subject detection options – people (subject dependent)

Vibration reduction – Same as photo settings

Electronic VR - OFF

Microphone sensitivity > Manual sensitivity > 18

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

Hi-Res Zoom – ON

Auto capture

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

➤ Subject motion > Steady

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

> 3D-tracking focus point color > W

> Focus point border width > 1

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 Max. aperture Lc during MF - OFF

a15* Focus point selection speed > HIGH

a16 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 Pre-Release Capture options -
- d5 Sync. release mode options – Sync
- d6 Exposure delay mode - OFF
- d7* Extended shutter speeds (M) - ON
- d8* Limit selectable image area >FX
 - >DX
- d9 File number sequence > ON
- d10* View mode (photo Lv) > Adjust for ease of viewing > Auto
- d11 Starlight view (photo Lv) – OFF
- d12 Warm display colors - OFF
- d13 LCD illumination - OFF
- d14 View all in continuous mode > ON
- d15* Release timing indicator > Type C
 - Type A auto restore delay 1/6
- d16*Image frame – OFF
- d17* Grid type – 4x4
- d18* Virtual horizon type – Type B
- d19 Half-press to cancel zoom (MF) - OFF
- d19* Custom monitor shooting display > Display 1
 - > Display 2
 - > Display 4
- d20* Custom viewfinder shooting display > Display 1
 - > Display 2
 - > Display 4
- d21* 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

>Vertical ISO sensitivity button > ISO

>Focus mode button > Focus mode/AF-area mode

>Protect/Fn4 button > Playback

>AF-ON button > AF-ON

> Sub-selector center > AF-area mode + AF-ON > Dynamic AF (M)

>DISP button > Cycle live view info display

> Audio button > None

>OK Button > Zoom on/off

>WB Button > White Balance

> QUAL button > Set Picture control

> Vertical multi selector center > AF-area mode + AF-ON > Dynamic AF (M)

>Playback button > Playback

> Video record button > Virtual Horizon

>AF-ON button for vertical shooting > Same as AF-ON button

>ISO Sensitivity button > ISO sensitivity

>Exposure compensation button > Exposure compensation

>Flash mode button > Flash mode/compensation

>Command dials

> Lens Fn button > Recall focus position

>BKT button > Auto bracketing

> Lens Fn ring (counterclockwise) > FX/DX

> Lens Fn2 button > Recall focus position

>Lens memory set button > Save focus position

> Lens control ring > M/A (this is lens centric)

> Lens Fn ring (clockwise) > Switch FX/DX

> Lens control ring > None

f3* Custom controls (playback) > Fn1 > Start series playback

> Fn2 > Zoom on/off

> Fn3 > Resume shooting

> button for vertical shooting > Start Series playback

> Fn4 > Start series playback

> DISP > DISP

> Audio button > Voice memo

> OK button > Zoom on/off

> All the rest Z 9 default

- 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 – Non-linear
- f10 Control ring response – HIGH
- f11 Switch focus/control ring roles > OFF (grayed out is lens w/o two rings not attached)
- f12* Assign power zoom buttons > ON > Power zoom speed > 4
- f13 Full-frame playback flicks
- f14 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 > Hi-Res Zoom - IN
- > Fn2 > Hi-Res Zoom - OUT
- > Fn3 > Choose Image Area
- > Fn button for vertical shooting > Exposure compensation
- > Vertical ISO sensitivity button > ISO sensitivity
- > Focus mode button > Focus mode/AF-area mode
- > Protect/Fn4 button > Playback
- > AF-ON button > Fast AF-ON
- > Sub-selector center > Preset focus point
- > DISP button > Cycle live view info display
- > OK button > Select center focus point
- > WB Button > White balance
- > QUAL button > None
- > Vertical multi selector center > Preset focus point
- > Playback button > Playback
- > Video record button > Record videos
- > AF-ON button for vertical shooting > Same as AF-ON button
- > ISO sensitivity button > ISO sensitivity
- > Exposure compensation button > Exposure compensation
- > Shutter-release button > Record videos
- > Command dials > default
- > Flash mode button > None
- > BKT button > None
- > Lens Fn button > AE/AF lock
- > Lens Fn2 button > AF-ON
- > Lens Fn ring (counterclockwise) > Recall focus position
- > Lens Fn ring (clockwise) > Recall focus position
- > Lens memory set button > Save focus position
- > Lens control ring > Power aperture
- g3 Control lock - OFF
- g4 Limit AF-area mode selection
- g5 Focus mode restrictions

- g6 AF speed - 0
- g7 AF tracking sensitivity – 4
- g8 Hi-Res Zoom speed – +4
- g9* Assign power zoom buttons > ON
 - > Pre/post recording > +3
 - > During recording > +3
- g10* Fine ISO control (mode M) > ON 1/6
- g11 Extended shutter speeds (mode M) > OFF
- g12 View assist – OFF
- g13* Zebra pattern > Pattern tone range > OFF
 - > Pattern > Pattern 1
 - > Highlight threshold > 240
 - > Mid-tone range > 160
- g14* Limit zebra pattern tone range > Highlights
- g15* Grid type > 4x4
- g16* Brightness information display > WFM
- g17 Half-press to cancel zoom (MF) - OFF
- g18 Custom monitor shooting display
- g19 Custom viewfinder shooting display
- g20 Red REC frame indicator > ON

PLAYBACK MENU

Delete

Playback folder – ALL

Playback display options > Add info > Focus point

- > Mark first shot in series ✓
- > Additional photo info > Exposure info ✓
 - > Highlights ✓
 - > RGB histogram
 - > Shooting data ✓
 - > Overview ✓
 - > None (picture only) ✓
 - > File info
- Detailed shooting data > Basic shooting data ✓
 - > Flash data ✓
 - > Picture Control/HLG data ✓
 - > Other shooting data
 - > Copyright info
 - > Location data ✓
 - > IPTC data

Delete pictures from both slots - OFF

Dual-format recording PB slots - 1

Filtered playback criteria

Series playback

Picture review - OFF

After delete > Show next

After burst, show > First picture in burst

Auto image rotation > ON
Auto-rotate pictures > 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
Distance units - ft
Save focus position – OFF
Save zoom position (PZ lenses) - 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
 > Type A
 > Beep > 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 - - C 5.00 LF 1.20 G 0.17

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

ATOMOS AirGlu BT options - OFF

USB – MTP/PTP

Start via LAN – OFF

Router frequency band – 2.4G/5G

MAC address

MY MENU

Time zone and date

Record location data

Create Log

Sensor shield behavior at power – ON

f2* Custom controls (shooting)

Connect to smart device

Time-lapse video

Clean image sensor

a3 Focus tracking with lock-on

blank = default

* = modified