

Nikon Z 9 Settings

02.28.23 Settings

Firmware 3.10

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 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 – OFF

Vignette control – N

Diffraction compensation - ON

Auto distortion control – ON

Photo flicker reduction – OFF

High-frequency flicker reduction - ON

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

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

High-frequency flicker reduction - ON

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 > 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

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 > Hi-Res Zoom - IN

- > Fn2 > Hi-Res Zoom - OUT

- > 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 Hi-Res Zoom speed - Standard
- g9* Fine ISO control (mode M) > ON
- g10 Extended shutter speeds (mode M) > OFF
- g11 View assist – OFF
- g12* Zebra pattern > Pattern tone range > OFF
 - > Pattern > Pattern 1
 - > Highlight threshold > 240
 - > Mid-tone range > 160
- g13* Limit zebra pattern tone range > Highlights
- g14* Grid type > 4x4
- g15* Brightness information display > WFM
- g16 Custom monitor shooting display
- g17 Custom viewfinder shooting display
- g18 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-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

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

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