

Nikon D4 Setup Guide

For Nature, Landscape and Travel Photography

External Controls	
Exposure Mode	Aperture Priority
Metering Mode	3D Matrix Metering
Bracketing	Off (unless HDR photography)
Shooting Mode	Ch (Continuous High)
WB	Variable, dep. on situation
ISO	100 - 6400 dep. on situation
QUAL	RAW
Autofocus Mode	AF-S or AF-C dynamic 21-points

Shooting Menu	
Shooting Menu Bank	A
Extended menu banks	ON
Storage folder	Default
File Naming	MJH
Primary slot selection	CF card slot
Secondary slot function	Overflow
Image quality	RAW
Image Size	N/A
Image area	
Auto DX crop	On
Choose Image area	FX format (36x24)
JPEG Compression	Optimal Quality
NEF (RAW) recording	
Type	Lossless Compressed
bit depth	14-bit
White Balance	Variable, dep. on situation
Set Picture Control	Landscape
Manage Picture Control	Default
Color Space	Adobe
Active D-Lighting	High
HDR (high dyn. range)	Off (until needed)
Vignette control	High
Auto distortion control	ON
Long Exp. NR	Off (until needed)
High ISO NR	Off
ISO Sensitivity Settings	100 - 6400 dep. on situation
auto control	Off
Multiple exposure	Off (until needed)
Interval timer shooting	Off (until needed)
Time-lapse photography	Off (until needed)
Movie settings --	
Frame size/rate	1920x1080; 30fps
Movie quality	HIGH
Microphone	Depends on situation
Destination	XQD card slot
ISO sensitivity range	A12800

Setup Menu	
Format memory card	Default
Monitor brightness	0
Clean image sensor	Clean at startup/shutdown
Lock mirror up cleaning	As needed
Image Dust Off ref photo	As needed
HDMI	Defaults
Flicker reduction	Depends on situation
Time zone and date	As needed
Language	English
Auto image rotation	ON
Battery info	--
Network	As needed
Image comment	ON
Copyright Information	ON (Copyright Mike Hagen)
IPTC	--
Save/load settings	As needed
GPS	Depends on situation
Virtual horizon	As needed
Non-CPU lens data	As needed
AF fine tune	As needed
Firmware version	Newest version

Custom Setting Menus	
Custom settings bank	A
a1 AF-C priority select	Release
a2 AF-S priority select	Focus
a3 Focus track lock-on	OFF
a4 AF Activation	ON
a5 AF point illumination	ON
a6 Focus point wrap	ON
a7 Number of focus points	51
a8 Assign AF-ON button	AF-ON
a9 Assign AF-ON butt. Vert	AF-ON
a10 Store points orientation	ON
b1 ISO sensitivity step val.	1/3
b2 EV steps for exposure	1/3
b3 Exp./flash comp step	1/3
b4 Easy exposure comp.	Off
b5 Center-weighted area	12mm
b6 Fine tune optimal exp.	0 for all meters
c1 Shutter-release AE-L	Off
c2 Standby timer	10s
c3 Self-timer	Dep. on situation
c4 Monitor off delay	10s
d1 Beep	Off
d2 Shooting speed	1 fps
d3 Max continuous release	100
d4 Exposure delay mode	OFF
d5 File number sequence	ON
d6 Viewfinder grid display	ON
d7 Cntrl panel/viewfinder	Default
d8 Screen tips	ON
d9 Information display	AUTO
d10 LCD illumination	ON
e1 Flash Sync Speed	1/250s (Auto FP)
e2 Flash shutter speed	1/60
e3 Optional flash	TTL
e4 Exp. comp. for flash	Background Only
e5 Modeling flash	ON
e6 Auto bracket set	AE
e7 Auto bkt (Mode M)	Flash/speed
e8 Bracketing Order	Under > MTR > over
f1 Multiselect center button	Shooting mode: RESET Playback mode: Zoom, Med. mag. Live view: Zoom, Med. mag.
f2 Multi selector	ON (reset standby timer)
f3 Assign Fn button	Press: spot metering Dials: Shutter spd & aperture lock
f4 Assign preview button	Press: Preview Dials: OFF
f5 Assign Sub-selector	Focus point selection
f6 Assign Sub-sel. Center	Press: Viewfinder virtual horizon Dials: Choose image area
f7 Assign Fn Button (Vert)	Press: AE Lock (hold) Dials: None
f8 Shutter spd/apert lock	Off until needed
f9 Assign BKT Button	BKT
f10 Cust. Command dials	Defaults
f11 Release button use dial	OFF
f12 Slot empty rel. lock	Release locked
f13 Reverse indicators	- 0 +
f14 Assign multi selector	Same as multi selector
f15 Playback Zoom	Default
f16 Assign Movie Button	OFF
g1 Assign Fn button	Power aperture (open)
g2 Assign preview button	Power aperture (close)
g3 Assign sub-select cent.	Index marking
g4 Assign shutter button	Take photos

Playback Menu	
Delete	Selected
Playback folder	Default
Hide image	Default
Playback display options	All Selected
Copy image(s)	As needed
Image review	On
After delete	Show Next
Rotate tall	Off
Slide show	As needed
DPOF print order	As needed

Nikon D4 Setup Guide

For Portrait and Wedding Photography

External Controls	
Exposure Mode	Aperture Priority
Metering Mode	3D Matrix Metering
Bracketing	Off (unless HDR photography)
Shooting Mode	Ch (Continuous High)
WB	Variable, dep. on situation
ISO	100 - 6400 dep. on situation
QUAL	JPEG or RAW dep. on situation
Autofocus Mode	AF-S or AF-C dynamic 21-points

Shooting Menu	
Shooting Menu Bank	B
Extended menu banks	ON
Storage folder	Default
File Naming	MJH
Primary slot selection	CF card slot
Secondary slot function	Overflow
Image quality	RAW or JPEG Fine
Image Size	Large
Image area	
Auto DX crop	On
Choose Image area	FX format (36x24)
JPEG Compression	Optimal Quality
NEF (RAW) recording	
Type	Lossless Compressed
bit depth	14-bit
White Balance	Variable, dep. on situation
Set Picture Control	Portrait
Manage Picture Control	Default
Color Space	sRGB
Active D-Lighting	OFF
HDR (high dyn. range)	Off (until needed)
Vignette control	High
Auto distortion control	ON
Long Exp. NR	Off (until needed)
High ISO NR	Off
ISO Sensitivity Settings	100 - 6400 dep. on situation
auto control	Off
Multiple exposure	Off (until needed)
Interval timer shooting	Off (until needed)
Time-lapse photography	Off (until needed)
Movie settings --	
Frame size/rate	1920x1080; 30fps
Movie quality	HIGH
Microphone	Depends on situation
Destination	XQD card slot
ISO sensitivity range	A12800

Setup Menu	
Format memory card	Default
Monitor brightness	0
Clean image sensor	Clean at startup/shutdown
Lock mirror up cleaning	As needed
Image Dust Off ref photo	As needed
HDMI	Defaults
Flicker reduction	Depends on situation
Time zone and date	As needed
Language	English
Auto image rotation	ON
Battery info	--
Network	As needed
Image comment	ON
Copyright Information	ON (Copyright Mike Hagen)
IPTC	--
Save/load settings	As needed
GPS	Depends on situation
Virtual horizon	As needed
Non-CPU lens data	As needed
AF fine tune	As needed
Firmware version	Newest version

Custom Setting Menus	
Custom settings bank	B
a1 AF-C priority select	Release
a2 AF-S priority select	Focus
a3 Focus track lock-on	OFF
a4 AF Activation	ON
a5 AF point illumination	ON
a6 Focus point wrap	ON
a7 Number of focus points	51
a8 Assign AF-ON button	AF-ON
a9 Assign AF-ON butt. Vert	AF-ON
a10 Store points orientation	ON
b1 ISO sensitivity step val.	1/3
b2 EV steps for exposure	1/3
b3 Exp./flash comp step	1/3
b4 Easy exposure comp.	Off
b5 Center-weighted area	12mm
b6 Fine tune optimal exp.	0 for all meters
c1 Shutter-release AE-L	Off
c2 Standby timer	10s
c3 Self-timer	Dep. on situation
c4 Monitor off delay	10s
d1 Beep	Off
d2 CL mode shoot speed	1 fps
d3 Max continuous release	100
d4 Exposure delay mode	OFF
d5 File number sequence	ON
d6 Viewfinder grid display	ON
d7 Cntrl panel/viewfinder	Default
d8 Screen tips	ON
d9 Information display	AUTO
d10 LCD illumination	ON
e1 Flash Sync Speed	1/250s (Auto FP)
e2 Flash shutter speed	1/60
e3 Optional flash	TTL
e4 Exp. comp. for flash	Background Only
e5 Modeling flash	ON
e6 Auto bracket set	AE
e7 Auto bkt (Mode M)	Flash/speed
e8 Bracketing Order	Under > MTR > over
f1 Multiselect center button	Shooting mode: RESET Playback mode: Zoom, Med. mag. Live view: Zoom, Med. mag.
f2 Multi selector	ON (reset standby timer)
f3 Assign Fn button	Press: Flash off Dials: Shutter spd & aperture lock
f4 Assign preview button	Press: Preview Dials: OFF
f5 Assign Sub-selector	Focus point selection
f6 Assign Sub-sel. Center	Press: Viewfinder virtual horizon Dials: Choose image area
f7 Assign Fn Button (Vert)	Press: AE Lock (hold) Dials: None
f8 Shutter spd/apert lock	Off until needed
f9 Assign BKT Button	BKT
f10 Cust. Command dials	Defaults
f11 Release button use dial	OFF
f12 Slot empty rel. lock	Release locked
f13 Reverse indicators	- 0 +
f14 Assign multi selector	Same as multi selector
f15 Playback Zoom	Default
f16 Assign Movie Button	OFF
g1 Assign Fn button	Power aperture (open)
g2 Assign preview button	Power aperture (close)
g3 Assign sub-select cent.	Index marking
g4 Assign shutter button	Take photos

Playback Menu	
Delete	Selected
Playback folder	Default
Hide image	Default
Playback display options	All Selected
Copy image(s)	As needed
Image review	On
After delete	Show Next
Rotate tall	Off
Slide show	As needed
DPOF print order	As needed

Nikon D4 Setup Guide For Sports and Action Photography

External Controls	
Exposure Mode	Aperture Priority
Metering Mode	3D Matrix Metering
Bracketing	Off (unless HDR photography)
Shooting Mode	Ch (Continuous High)
WB	Variable, dep. on situation
ISO	100 - 6400 dep. on situation
QUAL	JPEG or RAW dep. on situation
Autofocus Mode	AF-C dynamic 21-points

Shooting Menu	
Shooting Menu Bank	C
Extended menu banks	ON
Storage folder	Default
File Naming	MJH
Primary slot selection	CF card slot
Secondary slot function	Overflow
Image quality	RAW or JPEG Fine
Image Size	Large
Image area	
Auto DX crop	On
Choose Image area	FX format (36x24)
JPEG Compression	Optimal Quality
NEF (RAW) recording	
Type	Compressed
bit depth	12-bit
White Balance	Variable, dep. on situation
Set Picture Control	Vivid
Manage Picture Control	Default
Color Space	sRGB
Active D-Lighting	OFF
HDR (high dyn. range)	Off (until needed)
Vignette control	High
Auto distortion control	ON
Long Exp. NR	Off (until needed)
High ISO NR	Off
ISO Sensitivity Settings	100 - 6400 dep. on situation
auto control	ON, Max = 6400, Min = AUTO
Multiple exposure	Off (until needed)
Interval timer shooting	Off (until needed)
Time-lapse photography	Off (until needed)
Movie settings --	
Frame size/rate	1920x1080; 30fps
Movie quality	HIGH
Microphone	Depends on situation
Destination	XQD card slot
ISO sensitivity range	A12800

Setup Menu	
Format memory card	Default
Monitor brightness	0
Clean image sensor	Clean at startup/shutdown
Lock mirror up cleaning	As needed
Image Dust Off ref photo	As needed
HDMI	Defaults
Flicker reduction	Depends on situation
Time zone and date	As needed
Language	English
Auto image rotation	ON
Battery info	--
Network	As needed
Image comment	ON
Copyright Information	ON (Copyright Mike Hagen)
IPTC	--
Save/load settings	As needed
GPS	Depends on situation
Virtual horizon	As needed
Non-CPU lens data	As needed
AF fine tune	As needed
Firmware version	Newest version

Custom Setting Menus	
Custom settings bank	C
a1 AF-C priority select	Release
a2 AF-S priority select	Focus
a3 Focus track lock-on	Long
a4 AF Activation	ON
a5 AF point illumination	ON
a6 Focus point wrap	ON
a7 Number of focus points	51
a8 Assign AF-ON button	AF-ON
a9 Assign AF-ON butt. Vert	AF-ON
a10 Store points orientation	ON
b1 ISO sensitivity step val.	1/3
b2 EV steps for exposure	1/3
b3 Exp./flash comp step	1/3
b4 Easy exposure comp.	Off
b5 Center-weighted area	12mm
b6 Fine tune optimal exp.	0 for all meters
c1 Shutter-release AE-L	Off
c2 Standby timer	10s
c3 Self-timer	Dep. on situation
c4 Monitor off delay	10s
d1 Beep	Off
d2 CL mode shoot speed	1 fps
d3 Max continuous release	100
d4 Exposure delay mode	OFF
d5 File number sequence	ON
d6 Viewfinder grid display	ON
d7 Cntrl panel/viewfinder	Default
d8 Screen tips	ON
d9 Information display	AUTO
d10 LCD illumination	ON
e1 Flash Sync Speed	1/250s (Auto FP)
e2 Flash shutter speed	1/60
e3 Optional flash	TTL
e4 Exp. comp. for flash	Background Only
e5 Modeling flash	ON
e6 Auto bracket set	AE
e7 Auto bkt (Mode M)	Flash/speed
e8 Bracketing Order	Under > MTR > over
f1 Multiselect center button	Shooting mode: RESET Playback mode: Zoom, Med. mag. Live view: Zoom, Med. mag.
f2 Multi selector	ON (reset standby timer)
f3 Assign Fn button	Press: spot metering Dials: Shutter spd & aperture lock
f4 Assign preview button	Press: Preview Dials: OFF
f5 Assign Sub-selector	Focus point selection
f6 Assign Sub-sel. Center	Press: Viewfinder virtual horizon Dials: Choose image area
f7 Assign Fn Button (Vert)	Press: AE Lock (hold) Dials: None
f8 Shutter spd/apert lock	Off until needed
f9 Assign BKT Button	BKT
f10 Cust. Command dials	Defaults
f11 Release button use dial	OFF
f12 Slot empty rel. lock	Release locked
f13 Reverse indicators	- 0 +
f14 Assign multi selector	Same as multi selector
f15 Playback Zoom	Default
f16 Assign Movie Button	OFF
g1 Assign Fn button	Power aperture (open)
g2 Assign preview button	Power aperture (close)
g3 Assign sub-select cent.	Index marking
g4 Assign shutter button	Take photos

Playback Menu	
Delete	Selected
Playback folder	Default
Hide image	Default
Playback display options	All Selected
Copy image(s)	As needed
Image review	On
After delete	Show Next
Rotate tall	Off
Slide show	As needed
DPOF print order	As needed

Nikon D4 Setup Guide For Point and Shoot Photography

External Controls	
Exposure Mode	Program
Metering Mode	3D Matrix Metering
Bracketing	Off (unless HDR photography)
Shooting Mode	Ch (Continuous High)
WB	Auto
ISO	Auto
QUAL	JPEG
Autofocus Mode	AF-C Auto

Shooting Menu	
Shooting Menu Bank	D
Extended menu banks	ON
Storage folder	Default
File Naming	MJH
Primary slot selection	CF card slot
Secondary slot function	Overflow
Image quality	JPEG Fine
Image Size	Large
Image area	
Auto DX crop	On
Choose Image area	FX format (36x24)
JPEG Compression	Optimal Quality
NEF (RAW) recording	
Type	Lossless Compressed
bit depth	14-bit
White Balance	Auto1
Set Picture Control	Vivid
Manage Picture Control	Default
Color Space	sRGB
Active D-Lighting	High
HDR (high dyn. range)	Off (until needed)
Vignette control	High
Auto distortion control	ON
Long Exp. NR	Off (until needed)
High ISO NR	Normal
ISO Sensitivity Settings	100
auto control	ON, Max = 6400, Min = AUTO
Multiple exposure	Off (until needed)
Interval timer shooting	Off (until needed)
Time-lapse photography	Off (until needed)
Movie settings --	
Frame size/rate	1920x1080; 30fps
Movie quality	HIGH
Microphone	Depends on situation
Destination	XQD card slot
ISO sensitivity range	A12800

Setup Menu	
Format memory card	Default
Monitor brightness	0
Clean image sensor	Clean at startup/shutdown
Lock mirror up cleaning	As needed
Image Dust Off ref photo	As needed
HDMI	Defaults
Flicker reduction	Depends on situation
Time zone and date	As needed
Language	English
Auto image rotation	ON
Battery info	--
Network	As needed
Image comment	ON
Copyright Information	ON (Copyright Mike Hagen)
IPTC	--
Save/load settings	As needed
GPS	Depends on situation
Virtual horizon	As needed
Non-CPU lens data	As needed
AF fine tune	As needed
Firmware version	Newest version

Custom Setting Menus	
Custom settings bank	D
a1 AF-C priority select	Release
a2 AF-S priority select	Focus
a3 Focus track lock-on	3 (Normal)
a4 AF Activation	ON
a5 AF point illumination	ON
a6 Focus point wrap	ON
a7 Number of focus points	51
a8 Assign AF-ON button	AF-ON
a9 Assign AF-ON butt. Vert	AF-ON
a10 Store points orientation	ON
b1 ISO sensitivity step val.	1/3
b2 EV steps for exposure	1/3
b3 Exp./flash comp step	1/3
b4 Easy exposure comp.	Off
b5 Center-weighted area	12mm
b6 Fine tune optimal exp.	0 for all meters
c1 Shutter-release AE-L	Off
c2 Standby timer	10s
c3 Self-timer	Dep. on situation
c4 Monitor off delay	10s
d1 Beep	Volume 2, Pitch High
d2 CL mode shoot speed	1 fps
d3 Max continuous release	100
d4 Exposure delay mode	OFF
d5 File number sequence	ON
d6 Viewfinder grid display	ON
d7 Cntrl panel/viewfinder	Default
d8 Screen tips	ON
d9 Information display	AUTO
d10 LCD illumination	ON
e1 Flash Sync Speed	1/250s (Auto FP)
e2 Flash shutter speed	1/60
e3 Optional flash	TTL
e4 Exp. comp. for flash	Background Only
e5 Modeling flash	ON
e6 Auto bracket set	AE
e7 Auto bkt (Mode M)	Flash/speed
e8 Bracketing Order	Under > MTR > over
f1 Multiselect center button	Shooting mode: RESET Playback mode: Zoom, Med. mag. Live view: Zoom, Med. mag.
f2 Multi selector	ON (reset standby timer)
f3 Assign Fn button	Press: spot metering Dials: Shutter spd & aperture lock
f4 Assign preview button	Press: Preview Dials: OFF
f5 Assign Sub-selector	Focus point selection
f6 Assign Sub-sel. Center	Press: Viewfinder virtual horizon Dials: Choose image area
f7 Assign Fn Button (Vert)	Press: AE Lock (hold) Dials: None
f8 Shutter spd/apert lock	Off until needed
f9 Assign BKT Button	BKT
f10 Cust. Command dials	Defaults
f11 Release button use dial	OFF
f12 Slot empty rel. lock	Release locked
f13 Reverse indicators	- 0 +
f14 Assign multi selector	Same as multi selector
f15 Playback Zoom	Default
f16 Assign Movie Button	OFF
g1 Assign Fn button	Power aperture (open)
g2 Assign preview button	Power aperture (close)
g3 Assign sub-select cent.	Index marking
g4 Assign shutter button	Take photos

Playback Menu	
Delete	Selected
Playback folder	Default
Hide image	Default
Playback display options	All Selected
Copy image(s)	As needed
Image review	On
After delete	Show Next
Rotate tall	Off
Slide show	As needed
DPOF print order	As needed