

Index

A

AC adapter
 Nikon model EH-67A 219–220

Active D-Lighting menu option 100–101
 incompatibility with other settings 102

Adobe Bridge CC software
 reading location data with 165

Adobe Photoshop Elements software 145

Adobe Photoshop software 145

Adobe Premiere Elements software 189

Adobe Premiere Pro software 189

AEL (autoexposure lock)
 using with motion picture recording 176
 using with Time-lapse Movie setting 59

AF Area Mode menu option 95–98
 Face Priority option 95
 Manual (Spot, Normal, or Wide) 96–97, 119
 Subject Tracking option 97
 Target Finding option 97
 using in Auto mode 16–18

AF assist lamp 124
 disabling 124, 155

AF Assist menu option 124, 155

Aperture
 procedure for setting 35
 relationship to depth of field 33

Aperture values
 available range of 33, 35, 38

Apple Final Cut software 189

Apple QuickTime software 27

Aspect ratio 72–74

 comparison images 73–74

Assign Side Zoom Control menu option 157

Auth./Encryp. menu option 198

Auto Flash setting 209

Autofocus frame, movable 96–97

Autofocus Mode menu option (movies) 24, 185–186
 using Left button to force autofocus 124, 185

Autofocus Mode menu option (still images) 98–99

Auto ISO setting
 not available in Manual exposure mode 38, 94

Auto mode 28–29
 incompatibility with other settings 29

Auto Off menu option 158–159

Auto with Red-eye Reduction flash setting 209

B

Backlighting/HDR setting 51–53, 225

Battery charger
 Anker 40-watt desktop USB charger 218
 generic model for charging outside of camera 218–219

Battery, Nikon EN-EL23
 charging 3–5
 inserting into camera 4
 using generic replacement 218

Beach setting 47

Best Shot Selector setting 50, 88–89, 205

Bird-watching setting 57–59

Black and White Copy setting 51

Blurred background
 how to achieve 34

Bokeh. See Blurred background

C

Calendar screen in playback mode 128

Cases
 Crumpler 6 Million Dollar Home Bag 217
 Lowepro Inverse 100 AW backpack 217–218
 Lowepro Passport Sling Bag 217

Channel menu option 199

Charge by Computer menu option 160

Choose Key Picture menu option 144

Close-up filters 224
Close-up setting 48, 207
CN-160 LED lighting unit 222
Color temperature
 in general 79
Command dial 116
 switching functions of with multi selector dial 116, 161
Connect to Smart Device menu option 114, 193, 198–199
Continuous menu option 85–91
 Best Shot Selector setting 88–89
 Continuous H: 60 fps 88
 Continuous H: 120 fps 88
 high-speed shooting 87
 Interval Timer setting 89–90
 compared to Time-lapse Movie setting 91
 folder names for images 89
 low-speed shooting 87
 Multi-shot 16 setting 89
 Pre-shooting Cache setting 87
 turning off continuous shooting 87
 unavailability of some settings 86, 87, 94
 using self-timer with 86–87, 122
Continuous shooting
 in general 85
 playback of continuous shots 87, 131–133, 143–144
Controls/items on bottom of camera 10
Controls on back of camera 8
Controls on front and sides of camera 8
Controls on top of camera 7, 108–111
Create Log menu option 169–170
Cropping images in camera 129
Cross Process setting 65
Cross Screen setting for Filter Effects 137
Current Settings option on Wi-Fi menu 200
Custom Picture Control menu option 78–79
Custom white balance
 how to set 81

D

Date and time
 imprinting on images 152

 setting 10–12, 148
Date Stamp menu option 152
Delete/Trash button 117
Deleting images 117–118
DHCP Server IP Address menu option 200
Digital Zoom menu option 155–157
 incompatibility with other settings 156
 using with motion picture recording 178
Diopter adjustment dial 114
Direction button
 in general 119
Disable Wi-Fi menu option 196, 198
Display button 114
Display POI menu option 167
Display screens
 playback mode 115, 129–130
 shooting mode 114–115
D-Lighting menu option 135
Dusk/Dawn setting 47
Dynamic Fine Zoom feature 156

E

Easy Panorama setting 54–55
 scrolling panorama with OK button 119
 shooting taller panoramas 227
Edit POI menu option 168–169
Electronic Vibration menu option (movies) 187
Electronic VR menu option 25
Embed POI menu option 166–167
Enlarging images in playback mode 109, 128
EVF Auto Toggle menu option 114, 152
EVF Options menu option 150
Exposure bracketing 94–95
 incompatibility with other settings 95
Exposure compensation 120
 display of histogram with 151
 incompatibility with other settings 120
 procedure for using 20–21
 using for HDR images 94
 using with motion picture recording 176
External flash units

LumoPro LP180 222
 using with Coolpix P900 221–222
 Yongnuo YN560 III 221
 Eye sensor 114

F

Faces
 setting autofocus to detect 95

Fill Flash/Standard flash setting 209

Filter Effects menu option 136–140
 using to add second effect to image 227

Fireworks setting 50

Firmware Version menu option 162–163

Fisheye setting for Filter Effects 138

Flash
 general procedure for using 21–23, 208–212
 incompatibility with other settings 208–209

Flash Exposure Compensation menu option 99, 211
 using to reduce harshness of flash 226

Flashing parts of image in playback mode 130

Flash mode menu 22–23, 120

Flash pop-up button 111, 208

Flexible Program feature 29–30, 116, 118, 161

Focus
 controlling in Auto mode 15–20
 locking 18

Focus mode
 selecting 16
 with motion picture recording 175

Focus mode menu 121

Focus range of lens 206–207

Food setting 49, 207

Format Card menu option 159

Frame Rate menu option 24, 181

Full-time autofocus option 98

Function button 110
 cannot be used during motion picture recording 179
 changing option assigned to 110
 incompatibility with other settings 111
 settings that can be assigned to 110

G

GPS capabilities of Coolpix P900 163–182

GPS log
 creating 169–170

Grid
 displaying in shooting mode 115, 150–151

H

HDMI cable 215

HDMI port 125

HDR (high dynamic range) photography 52–54

High-contrast Monochrome setting 62

High ISO Monochrome setting 65
 only way to set ISO to 12800 92

High Key setting 63

Histogram
 playback mode 115, 130–131, 152
 shooting mode 107, 115, 151
 incompatibility with other settings 151
 relationship to Manual Exposure Preview option 152

HS (high speed) movie options 183–185

I

Image Quality menu option 71

Image Review menu option 25, 127, 150

Image Size menu option 71–74
 relationship to zoom range 156

Image stabilization 153–154

Index screens in playback mode 109, 127–128

Infinity focus mode 50, 121

Infrared filter 224

Infrared photography 212–213
 problem of “hot spot” 213

Interval Timer setting 89–90

ISO setting 91–94
 Auto setting 92
 Fixed Range Auto setting 92
 Hi 1 setting (12800) 92
 incompatibility with other settings 94
 Minimum Shutter Speed setting 93–94

- negative effects of very high setting 93
- procedure for making setting 91–92
- using to enable use of fast shutter speed 204
- using with Manual exposure mode 37–38
- value to choose 91

K

Kelvins

- as used to measure color temperature 79

L

Landmarks

- displaying information with images 166

Landscape menu option 40

Landscape mode 39–40

Language

- setting 12, 160

LCD screen

- adjusting brightness and color of 150
- switching view by folding in against camera 114, 126
- switching view to and from 114, 152
- tilting and swiveling features of 125

Lens cap

- attaching to camera 224

Lens hood 224

Level of Detail menu option 167–168

Location Data Options menu 163–182

Location Data Options menu item 164–166

Low Key setting 63

M

Macro autofocus setting 206–207

Macro photography 205–208

Manfrotto BeFree tripod 223

Manual exposure mode 35–38

- incompatibility with other settings 38, 94
- procedure for making settings 36–37
- using to create HDR images 36

Manual Exposure Preview menu option 106, 152

Manual focus

- adjusting magnification with 19

- general use of 18–19

- reasons for using 18

- using autofocus with 19

- using Left button to toggle enlargement factor 124

Mapping locations of images 164–165, 170

Mark for Wi-Fi Upload menu option 134, 198

Memory card

- formatting 159

- inserting into camera 6

- number of images that can be stored 6

- types and capacities of 5–7

Menu button 117

Metering menu option 83–84

- incompatibility with Active D-Lighting setting 84, 102

- using with motion picture recording 177

micro-SD card

- using in Coolpix P900 5

Microsoft Windows Movie Maker software 189

Miniature setting for Filter Effects 138–139

Minimum Shutter Speed menu option 93–94

Mode dial 109

Monitor button 114

- using to switch between LCD and viewfinder 114

Monitor Options menu option 150

Monitor Settings menu option 115, 127, 149–152

Monochrome Picture Control setting 76

- adjustments to 77

Moon setting 56–57

Motion picture recording

- exposure control 176

- autoexposure lock 176

- exposure compensation 176

- focus options 175–176, 185–186

- general procedure for 23–25

- limitations on length of recording 181

- overview 173

- pausing with OK button 178

- quick guide 173–174

- slow-motion options 183

- speeded-up motion option 184

- still photo settings available 175–178

- still photo settings not available 179

- taking still images during recording 178–179
- using exposure compensation 176
- Motion pictures
 - editing with computer 27, 189–191
 - not available when battery charge is low 189
 - playback 188–189
 - saving single frame from 191–192
- Movie button 116
- Movie menu 180–187
- Movie Options menu option 24, 182–185
- Multiple Exposure menu option 102–103
- Multi selector dial 118
 - switching functions with command dial 118, 161
- Museum setting 50–51, 89

N

- Neutral density filter 224, 226
- Neutral Picture Control setting 75
- NFC active area on camera 125, 197
- NFC (near field communication) protocol 125
 - using to connect camera to smartphone or tablet 197
- Night Landscape menu option 42
- Night Landscape mode 41–42
- Night Portrait mode 40–41
- Nikon Coolpix P900 camera
 - items that come in box 3
- Nikon Movie Editor software 27, 189
- Nikon Reference Manual for Coolpix P900
 - where to download 3
- Nikon ViewNX 2 software 27, 145
 - using to map locations of images 165, 170
 - where to download 3
- Nikon Wireless Mobility Utility app 113, 192
 - options for taking or viewing photos 194–195
- No card present error message 5, 149
- Noise Reduction Filter menu option 99
- Nostalgic Sepia setting 62
- NTSC video system 24, 181

O

- Off-center subject

- setting focus for 18
- OK button 118
- Options menu item on Wi-Fi menu 198–200
- Out of Memory error message 149
 - when shooting with no memory card 5

P

- Painting setting for Filter Effects 139
- PAL video system 24, 181
- Party/Indoor setting 46
- Password menu option 199
- Peaking feature for manual focus 19, 162
 - not available with motion picture recording 176
- Pet Portrait Auto Release feature 55, 123
- Pet Portrait setting 55, 123
- PhotoFlex Lite-Dome XS softbox 222
- Photo Illustration setting for Filter Effects 140–141
- PictBridge printer 145
- Picture Control menu option 74–78
 - adjustments to settings 76–78
 - incompatibility with other settings 102
 - using with motion picture recording 177
- Playback button 113, 127
 - using to turn on camera 113
- Playback menu 133–144
- Playback of images and videos
 - continuous burst of shots 26, 87, 131–133, 143–144
 - enlarging image 26
 - general procedures 25–26, 127
 - motion pictures 26–27, 188–189
- POI (points of interest) features 166–169
- Pole attachment for pole aerial photography 223
- Portrait (Color + B&W) setting for Filter Effects 140
- Portrait setting 45
- Power switch 108
- Printing images 145–146
- Print menu 146
- Program mode 29–30
- Program Shift. See Flexible Program
- Protect menu option 141–142

Q

Quick Retouch menu option 134

R

Raw format

not available with Coolpix P900 71

Rear-curtain Sync flash setting 210–211

Record Location Data menu option 164

Red-eye reduction lamp 124, 155

Remote control

Nikon wireless remote, ML-L3 122, 220

not available for video recording 177

using for continuous shooting 86

Reset All menu option 162

Reset File Numbering menu option 161

Reset User Settings menu option 104

Resolution of images 72

Restore Default Settings option on Wi-Fi menu 200

Rotate Image menu option 142

S

Save User Settings menu option 66, 103

Scene Auto Selector 43

Scene modes

in general 38–39

SCENE setting on mode dial 43–60

SD cards. See Memory card

incompatibility of cards larger than 128 GB 6

Sekonic Prodigy color meter 81

Selective Color setting 64–65

Selective Color setting for Filter Effects 137

Self-timer

using to avoid camera shake 226

using with continuous shooting options 86–87, 122

using with motion picture recording 122, 177

Self-timer lamp 124, 155

Sequence Display Options menu option 133, 143–144

Set Clock from Satellite menu option 171

Setup menu 147–163

Shooting menu

in general 68–71

Shooting modes

names of 15, 28

Shutter Priority mode 30–32

Shutter release button 108

Shutter speed

procedure for setting 31–32

range of available settings 30–31, 32, 38

limitations when using Continuous menu option 87

Shutter Speed Equivalents 32

Side zoom control 112

assigning to manual focus 112, 157

using for telephoto shots 205

Skin Softening menu option 136

Slide Show menu option 140–141

Slot Empty Release Lock menu item 5, 149

Slow Sync flash setting 210

Small Picture menu option 142

Smile Timer 123–124

Snap-back zoom button 112

using for telephoto shots 205

Snow setting 47

Soft Portrait setting for Filter Effects 136–137

Soft setting 62

Sound Settings menu option 158

Special Effects mode 60–65

incompatibility with other settings 61

using for motion picture recording 175, 226

Sports setting 45

SSID menu option 198–199

Standard Picture Control setting 75

Startup Zoom Position menu option 105, 109

Step-by-step tutorial

basic picture-taking 13

controlling camera with smartphone or tablet 196–197

motion picture recording 23

quick guide to motion picture recording 173–174

transferring images to smartphone or tablet 192–195

Street photography 213–215

Subject Tracking autofocus option 97

Subnet Mask menu option 200

Sunset setting 47

T

- Tables
 - fractional shutter speed equivalents 32
 - levels of detail for Points of Interest 168
 - limits on shutter speed settings 30
- Target Finding autofocus option 97
- Television set
 - connecting camera to 215
- Time-lapse Movie setting 59–61, 91
- Time zone
 - changing for travel 149
 - setting 149
- Time Zone and Date menu option 148
- Toggle Av/Tv Selection menu option 31, 116, 118, 161
- Tone levels in image, checking 130

U

- Update A-GPS File menu option 166
- Upload from Camera menu option 198
- USB port 125
 - using to connect camera to printer 145
- User Settings mode 66–67
 - using to save specific settings 205

V

- Vibration Reduction menu option 153–154
 - using with motion picture recording 178
- Video recording. See Motion picture recording
- Viewfinder
 - adjusting brightness and color of 150
 - adjusting for user's vision 114
 - switching view by folding LCD screen in against camera 114, 126
 - switching view to and from 114, 152
- View/Hide Framing Grid menu option 150–151
- View/Hide Histograms menu option 107, 151
- View Log menu option 170
- Vignette setting for Filter Effects 139
- Vivid Picture Control setting 75

W

- White balance comparison chart 82
- White Balance menu option 79–83
 - Choose Color Temperature setting 81
 - making adjustments to preset settings 80
 - Preset Manual setting
 - using to set custom white balance 81
 - using with motion picture recording 177
- Wi-Fi button 8, 113
 - using to initiate Wi-Fi connection 193
- Wi-Fi features of Coolpix P900 192–200
 - controlling camera with smartphone or tablet 196–197
 - transferring images to smartphone or tablet 192–195
- Wi-Fi Options menu 193, 197–200
- Wind Noise Reduction menu option 187

Z

- Zone focusing 226–227
- Zoom lens
 - flattening of subjects into single plane 202
 - haze effect from compression of atmosphere 201–202
 - isolating subject through telephoto shot 202–203
 - rule of thumb for choosing shutter speed for telephoto shots 204
 - shallow depth of field at telephoto settings 203
 - using telephoto power of 200–205
 - ways to avoid image blur at telephoto settings 203–205
- Zoom lever 109
- Zoom Memory menu option 104–105, 109
 - not applicable to side zoom control 112
- Zoom Microphone menu option 25, 187
- Zoom range
 - relationship to Image Size menu setting 156