

Index

A

AC adapter
 Nikon model EH-67A 218–219
Active D-Lighting menu option 99–100
 incompatibility with other settings 101
Adobe Bridge CC software
 reading location data with 164
Adobe Photoshop Elements software 144
Adobe Photoshop software 144
Adobe Premiere Elements software 188
Adobe Premiere Pro software 188
AEL (autoexposure lock)
 using with motion picture recording 175
 using with Time-lapse Movie setting 59
AF Area Mode menu option 94–97
 Face Priority option 94
 Manual (Spot, Normal, or Wide) 95–96
 Subject Tracking option 96
 Target Finding option 96
 using in Auto mode 16–18
AF assist lamp 122
 disabling 123, 154
AF Assist menu option 123, 154
Aperture
 procedure for setting 35
 relationship to depth of field 33
Aperture values
 available range of 33, 35, 38
Apple Final Cut software 188
Apple QuickTime software 27
Aspect ratio 71–73

 comparison images 72–73
Assign Side Zoom Control menu option 156
Auth./Encryp. menu option 197
Auto Flash setting 208
Autofocus frame, movable 95–96
Autofocus Mode menu option (movies) 24, 184–185
 using Left button to force autofocus 122, 184
Autofocus Mode menu option (still images) 97–98
Auto ISO setting
 not available in Manual exposure mode 38, 93
Auto mode 28–29
 incompatibility with other settings 29
Auto Off menu option 157–158
Auto with Red-eye Reduction flash setting 208

B

Backlighting/HDR setting 51–53, 223
Battery charger
 Anker 40-watt desktop USB charger 218
 generic model for charging outside of camera 217–218
Battery, Nikon EN-EL23
 charging 3–5
 inserting into camera 4
 using generic replacement 217
Beach setting 46
Best Shot Selector setting 50, 87–88, 204
Bird-watching setting 56–58
Black and White Copy setting 50
Blurred background
 how to achieve 34
Bokeh. See Blurred background

C

Calendar screen in playback mode 127
Cases
 Crumpler Haven (small) 217
 Lowepro Inverse 100 AW beltpack 216–217
 Lowepro Rezo 110 AW 216
Channel menu option 198
Charge by Computer menu option 159
Choose Key Picture menu option 143

Close-up setting 48, 206
CN-160 LED lighting unit 221
Color temperature
 in general 78
Command dial 115
 switching functions of with multi selector dial 115, 160
Connect to Smart Device menu option 113, 192, 197–198
Continuous menu option 84–90
 Best Shot Selector setting 87–88
 Continuous H: 60 fps 87
 Continuous H: 120 fps 87
 high-speed shooting 86
 Interval Timer setting 88–89
 compared to Time-lapse Movie setting 90
 folder names for images 88
 low-speed shooting 86
 Multi-shot 16 setting 88
 Pre-shooting Cache setting 86
 turning off continuous shooting 86
 unavailability of some settings 85, 86, 93
 using self-timer with 85–86, 121
Continuous shooting
 in general 84
 playback of continuous shots 86, 130–132, 142–143
Controls/items on bottom of camera 10
Controls on back of camera 8
Controls on front and sides of camera 9
Controls on top of camera 7, 107–110
Create Log menu option 168–169
Cropping images in camera 128
Cross Process setting 64
Cross Screen setting for Filter Effects 136
Current Settings option on Wi-Fi menu 199
Custom Picture Control menu option 77–78
Custom white balance
 how to set 80

D

Date and time
 imprinting on images 151
 setting 10–12, 147

Date Stamp menu option 151
Delete/Trash button 116
Deleting images 116–117
DHCP Server IP Address menu option 199
Digital Zoom menu option 154–156
 incompatibility with other settings 155
 using with motion picture recording 177
Diopter adjustment dial 113
Direction button
 in general 118
Disable Wi-Fi menu option 195, 197
Display button 113
Display POI menu option 166
Display screens
 playback mode 115, 128–129
 shooting mode 113–114
D-Lighting menu option 134
Dusk/Dawn setting 47
Dynamic Fine Zoom feature 155

E

Easy Panorama setting 53–54
 scrolling panorama with OK button 118
 shooting taller panoramas 225
Edit POI menu option 167–168
Electronic Vibration menu option (movies) 186
Electronic VR menu option 25
Embed POI menu option 165–166
Enlarging images in playback mode 108, 127
EVF Auto Toggle menu option 113, 151
EVF Options menu option 149
Exposure bracketing 93–94
 incompatibility with other settings 94
Exposure compensation 119
 display of histogram with 150
 incompatibility with other settings 119
 procedure for using 20–21
 using for HDR images 93
 using with motion picture recording 175
External flash units
 LumoPro LP180 220

using with Coolpix P610 219–220
Yongnuo YN560 III 219
Eye sensor 113

F

Faces
setting autofocus to detect 94
Fill Flash/Standard flash setting 208
Filter Effects menu option 135–139
using to add second effect to image 225
Fireworks setting 50
Firmware Version menu option 161–162
Fisheye setting for Filter Effects 137
Flash
general procedure for using 21–23, 207–211
incompatibility with other settings 207–208
Flash Exposure Compensation menu option 98, 210
using to reduce harshness of flash 224
Flashing parts of image in playback mode 129
Flash mode menu 22–23, 119
Flash pop-up button 110, 207
Flexible Program feature 29–30, 115, 117, 160
Focus
controlling in Auto mode 15–20
Focus mode
selecting 16
with motion picture recording 174
Focus mode menu 120
Focus range of lens 205–206
Food setting 49, 206
Format Card menu option 158
Frame Rate menu option 24, 180
Full-time autofocus option 97
Function button 109
cannot be used during motion picture recording 178
changing option assigned to 109
incompatibility with other settings 110
settings that can be assigned to 109

G

GPS capabilities of Coolpix P610 162–181

GPS log
creating 168–169
Grid
displaying in shooting mode 114, 149–150

H

HDMI cable 214
HDMI port 123
HDR (high dynamic range) photography 51–53
High-contrast Monochrome setting 62
High ISO Monochrome setting 64
only way to set ISO to 12800 91
High Key setting 62
Histogram
playback mode 115, 129–130, 151
shooting mode 106, 114, 150
incompatibility with other settings 150
relationship to Manual Exposure Preview option 151
HS (high speed) movie options 182–184

I

Image Quality menu option 70
Image Review menu option 26, 126, 149
Image Size menu option 70–73
relationship to zoom range 155
Image stabilization 152–153
Index screens in playback mode 108, 126–127
Infinity focus mode 50, 120
Infrared filter
Hoya R72 211
Infrared photography 211–212
Interval Timer setting 88–89
ISO setting 90–93
Auto setting 91
Fixed Range Auto setting 91
Hi 1 setting (12800) 91
incompatibility with other settings 93
Minimum Shutter Speed setting 92–93
negative effects of very high setting 92
procedure for making setting 90–91
using to enable use of fast shutter speed 203

using with Manual exposure mode 37–38
value to choose 90

K

Kelvins

as used to measure color temperature 78

L

Landmarks

displaying information with images 165

Landscape menu option 40

Landscape mode 39–40

Language

setting 12, 159

LCD screen

adjusting brightness and color of 149

switching view by folding in against camera 113, 125

switching view to and from 113, 151

tilting and swiveling features of 123

Lens cap

attaching to camera 3

Level of Detail menu option 166–167

Location Data Options menu 162–181

Location Data Options menu item 163–165

Low Key setting 63

M

Macro autofocus setting 205–206

Macro photography 204–207

Manfrotto BeFree tripod 222

Manual exposure mode 35–38

incompatibility with other settings 38, 93

procedure for making settings 36–37

using to create HDR images 36

Manual Exposure Preview menu option 105, 151

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 122

Mapping locations of images 163–164, 169

Mark for Wi-Fi Upload menu option 133, 197

Memory card

formatting 158

inserting into camera 7

number of images that can be stored 6

types and capacities of 5–7

Menu button 116

Metering menu option 82–83

incompatibility with Active D-Lighting setting 83, 101

using with motion picture recording 176

micro-SD card

using in Coolpix P610 5

Microsoft Windows Movie Maker software 188

Miniature setting for Filter Effects 137–138

Minimum Shutter Speed menu option 92–93

Mode dial 108

Monitor button 113

using to switch between LCD and viewfinder 113

Monitor Options menu option 149

Monitor Settings menu option 114, 126, 148–151

Monochrome Picture Control setting 75

adjustments to 76

Moon setting 55–56

Motion picture recording

exposure control 175

autoexposure lock 175

exposure compensation 175

focus options 174–175, 184–185

general procedure for 23–25

limitations on length of recording 180

overview 172

pausing with OK button 177

quick guide 172–173

slow-motion options 182

speeded-up motion option 183

still photo settings available 174–177

still photo settings not available 178

taking still images during recording 177–178

using exposure compensation 175

Motion pictures

editing with computer 27, 188–190

- not available when battery charge is low 188
- playback 187–188
- saving single frame from 189–190
- Movie button 115
- Movie menu 179–186
- Movie Options menu option 24, 181–184
- Multiple Exposure menu option 101–102
- Multi selector dial 117
 - switching functions with command dial 117, 160
- Museum setting 49–50, 88

N

- Neutral density filter 224
- Neutral Picture Control setting 74
- NFC active area on camera 123, 196
- NFC (near field communication) protocol 123
 - using to connect camera to smartphone or tablet 196
- Night Landscape menu option 42
- Night Landscape mode 41–42
- Night Portrait mode 40–41
- Nikon Coolpix P610 camera
 - advantages of 1
 - drawbacks of 1
 - items that come in box 3
 - new features of 1
- Nikon Movie Editor software 27, 188
- Nikon Reference Manual for Coolpix P610
 - where to download 3
- Nikon ViewNX 2 software 27, 144
 - using to map locations of images 164, 169
 - where to download 3
- Nikon Wireless Mobility Utility app 113, 191
 - options for taking or viewing photos 193–194
- No card present error message 5, 148
- Noise Reduction Filter menu option 98
- Nostalgic Sepia setting 61
- NTSC video system 24, 180

O

- Off-center subject
 - setting focus for 18

- OK button 117
- Options menu item on Wi-Fi menu 197–199
- Out of Memory error message 148
 - when shooting with no memory card 5

P

- Painting setting for Filter Effects 138
- PAL video system 24, 180
- Party/Indoor setting 46
- Password menu option 198
- Peaking feature for manual focus 19, 161
 - not available with motion picture recording 175
- Pet Portrait Auto Release feature 55, 122
- Pet Portrait setting 55, 122
- PhotoFlex Lite-Dome XS softbox 221
- Photo Illustration setting for Filter Effects 138–139
- PictBridge printer 144
- PiCture Control menu option 73–77
 - adjustments to settings 75–77
 - incompatibility with other settings 101
 - using with motion picture recording 176
- Playback button 112, 126
 - using to turn on camera 112
- Playback menu 132–143
- Playback of images and videos
 - continuous burst of shots 26, 86, 130–132, 142–143
 - enlarging image 26
 - general procedures 26–27, 126
 - motion pictures 26–27, 187–188
- POI (points of interest) features 165–168
- Pole attachment for pole aerial photography 222
- Portrait (Color + B&W) setting for Filter Effects 139
- Portrait setting 45
- Power switch 107
- Printing images 144–145
- Print menu 145
- Program mode 29–30
- Program Shift. See Flexible Program
- Protect menu option 140–141

Q

Quick Retouch menu option 133

R

Raw format

not available with Coolpix P610 70

Rear-curtain Sync flash setting 209–210

Record Location Data menu option 163

Red-eye reduction lamp 122, 154

Reset All menu option 161

Reset File Numbering menu option 160

Reset User Settings menu option 103

Resolution of images 71

Restore Default Settings option on Wi-Fi menu 199

Rotate Image menu option 141

S

Save User Settings menu option 66, 102

Scene Auto Selector 43

Scene modes

in general 38–39

SCENE setting on mode dial 43–60

SD cards. See Memory card

Sekonic Prodigy color meter 80

Selective Color setting 63–64

Selective Color setting for Filter Effects 136

Self-timer 120–121

using to avoid camera shake 224

using with continuous shooting options 85–86, 121

using with motion picture recording 121, 176

Self-timer lamp 122, 154

Sequence Display Options menu option 132, 142–143

Set Clock from Satellite menu option 170

Setup menu 146–162

Shooting menu

in general 67–70

Shooting modes

names of 15, 28

Shutter Priority mode 30–32

Shutter release button 107

Shutter speed

procedure for setting 31–32

range of available settings 30–31, 38

limitations when using Continuous menu option 86

Shutter Speed Equivalents 32

Side zoom control 111

assigning to manual focus 111, 156

using for telephoto shots 204

Skin Softening menu option 135

Slide Show menu option 139–140

Slot Empty Release Lock menu item 5, 148

Slow Sync flash setting 209

Small Picture menu option 141

Smile Timer 120, 121–122

incompatibility with other settings 120

Snap-back zoom button 111

using for telephoto shots 204

Snow setting 47

Soft Portrait setting for Filter Effects 135–136

Soft setting 61

Sound Settings menu option 157

Special Effects mode 60–65

incompatibility with other settings 61

using for motion picture recording 174, 224

Sports setting 45

SSID menu option 197–198

Standard Picture Control setting 74

Startup Zoom Position menu option 104, 108

Step-by-step tutorial

basic picture-taking 13

controlling camera with smartphone or tablet 195–196

motion picture recording 23

quick guide to motion picture recording 172–173

transferring images to smartphone or tablet 191–194

Street photography 212–214

Subject Tracking autofocus option 96

Subnet Mask menu option 199

Sunset setting 47

T

Tables

- Limits on Shutter Speed Settings 30
- Target Finding autofocus option 96
- Television set
 - connecting camera to 214
- Time-lapse Movie setting 58–60, 90
- Time zone
 - changing for travel 148
 - setting 148
- Time Zone and Date menu option 147
- Toggle Av/Tv Selection menu option 32, 115, 117, 160
- Tone levels in image, checking 129

U

- Update A-GPS File menu option 165
- Upload from Camera menu option 197
- USB port 123
 - using to connect camera to printer 144
- User Settings mode 65–66
 - using to save specific settings 204

V

- Vibration Reduction menu option 152–153
 - using with motion picture recording 177
- Video recording. See Motion picture recording
- Viewfinder
 - adjusting brightness and color of 149
 - adjusting for user's vision 113
 - switching view by folding LCD screen in against camera 113, 125
 - switching view to and from 113, 151
- View/Hide Framing Grid menu option 149–150
- View/Hide Histograms menu option 106, 150
- View Log menu option 169
- Vignette setting for Filter Effects 138
- Vivid Picture Control setting 74

W

- White balance comparison chart 81
- White Balance menu option 78–82
 - Choose Color Temperature setting 80
 - making adjustments to preset settings 79

- Preset Manual setting
 - using to set custom white balance 80
 - using with motion picture recording 176
- Wi-Fi button 8, 112
 - using to initiate Wi-Fi connection 192
- Wi-Fi features of Coolpix P610 191–199
 - controlling camera with smartphone or tablet 195–196
 - transferring images to smartphone or tablet 191–194
- Wi-Fi Options menu 192, 196–199
- Wind Noise Reduction menu option 186

Z

- Zone focusing 224–225
- Zoom lens
 - flattening of subjects into single plane 201
 - haze effect from compression of atmosphere 200–201
 - isolating subject through telephoto shot 201–202
 - rule of thumb for choosing shutter speed for telephoto shots 203
 - shallow depth of field at telephoto settings 202
 - using telephoto power of 199–204
 - ways to avoid image blur at telephoto settings 202–204
- Zoom lever 108
- Zoom Memory menu option 103–104, 108
 - not applicable to side zoom control 111
- Zoom Microphone menu option 25, 186
- Zoom range
 - relationship to Image Size menu setting 155