

Index

Symbols

- 3D glasses
 - using to view 3D images 113
- 3D images
 - viewing on HDTV set 112, 279
 - viewing without HDTV set 112
- 3D Photography setting 111–113

A

- AC adapter 163
 - effect of use on standby mode 275
 - Nikon model number EH-62A 364
- Active D-Lighting menu option 181–183
 - relationship to HDR setting 84
- Adobe Photoshop Elements software 107, 180
- Adobe Photoshop software 107, 113, 180, 264
- Adobe Premiere Elements software 163
- AF Area Mode menu option 41, 172–178, 342
- AF Assist menu option 269
- AF Assist/self-timer lamp 31, 198, 269
 - disabling 269
- A-GPS file
 - updating 288
- Anabuilder software
 - using to edit and view 3D images 113
- Aperture
 - availability of various settings 72
 - explanation of 67
 - range of available settings 69
 - relationship to depth of field 68–69
 - relationship to zoom level 69
- Aperture Priority mode 67–71
- Aspect ratio 135–138
- Assign Side Zoom Control menu option 273
- Astrophotography 333
- Audio-video cable 31, 358

- Auto Flash mode 344
 - using in Manual exposure mode 75
- Autofocus
 - pressing left button to refocus during video recording 216
 - range 341
 - standard setting 40
 - using in manual focus mode 211
- Autofocus Mode menu option 178, 317–319
- Autofocus Mode option for recording video 53
- Auto ISO setting 166
- Auto mode 59
 - procedure for taking pictures in 36
 - settings not available with 60
- Auto Off menu option 274
- Auto setting for AF Area Mode option 173
- Auto with Red-eye Reduction 345

B

- Backlighting mode 82–88
 - HDR setting 88
- Battery
 - charging 19
 - blinking light to indicate status 203
 - by connecting to USB port on computer 21
 - length of time to charge 21
 - using external charger 363
 - generic replacement 363
 - inserting into camera 19
 - Nikon EN-EL5 19, 363
- Battery charger
 - for charging batteries outside of camera 19, 363
- Battery compartment latch 20
- Battery/memory card compartment 32
- Beach setting 94
- Best Shot Selector setting 160, 337, 357
- Bit rate for video recording 311
- Black and White Copy setting 102
 - using for street photography 355
- Blink Warning menu option 281
- Bokeh 70, 332

Brightness menu option 261

Burst shooting 158

C

Canon HF-DC1 flash unit 371

Cases

Lowepro Inverse 100 AW 362

Lowepro Passport Sling bag 362

Lowepro Rezo 110 AW 361

Center (normal) setting for AF Area Mode option 175

Center (wide) setting for AF Area Mode option 176

Charge by Computer menu option 279

turning off when printing images from printer 253

Charge/flash lamp 21, 30

Choose Key Picture menu option 251

Close-up setting 98, 342

Color temperature 148

Command dial 203–204

changing function of 280

icon representing it on display screen 204

using as shortcut to select menu options 131, 204, 381

using to enlarge or shrink image in playback mode 203

Continuous H: 60 fps setting 160

Continuous H: 120 fps setting 159

Continuous shooting 155–163

assigning to Function button 155, 193

compatibility with self-timer 157, 214

in general 155

limitations on other settings with 156

playback of images 55, 157, 210, 228–229

in slide show 244

uses for 378

using self-timer with 214

using with long telephoto range of lens 337

Contrast

adjusting with Picture Control menu option 143

Copy menu option 249

Create Log menu option 294

Cross Process setting 123

Cross Screen setting for Filter Effects 237

- Custom Picture Control menu option 145–147
- Custom white balance
 - how to set 150
 - using to alter colors of shots 151

D

- Date and time
 - printing on image 264
 - setting 33, 259
- Delete button. *See* Trash button
- Depth of field 68
 - shallow, using to blur background 70
 - shallow, with long zoom range 332
- Digital zoom 191
 - appearance of zoom scale 270–271
 - deterioration of images 270
 - incompatibility with other settings 272
 - using with smaller image sizes to avoid image deterioration 270
- Digital Zoom menu option 269–272
- Diopter adjustment wheel 29, 38, 200
- Direction buttons
 - functions of 209–216
- Display button 29, 200–201
- Display POI menu option 290–291
- Display screens
 - playback mode 202, 224–225
 - shooting mode 200–201
- D-Lighting menu option 233
- DPOF (Digital Print Order Format) 241
- Dusk/Dawn setting 97

E

- Edit POI menu option 292
- Embed POI menu option 290–291
- Exposure bracketing 170–171
 - using for HDR photography 88, 170, 183
- Exposure compensation 46–47, 211
 - need to reset to zero when done using 48
 - not available with some shooting modes 211
- Eye-Fi app for iPad 26

Eye-Fi card 25, 282
Eye-Fi Upload menu option 282

F

Face Priority focus 172
File numbering system 281
Fill Flash setting 345
Filter adapter 351, 366–367
Filter Effects adjustments to Monochrome setting 144
Filter Effects menu option in playback mode 235–240
Filters
 attaching to Coolpix P520 366–368
Fireworks Show setting 102
Firmware
 upgrading 284
Firmware Version menu option 284
Fisheye setting for Filter Effects 238
Fixed Range Auto ISO setting 166
Flash
 basic procedure for using 49–51
 diffusing 380
 disabled with exposure bracketing 344
 disabled with infinity focus setting 212, 344
 external, using with Coolpix P520 368–371
 incompatibility with continuous shooting options 157, 344
 preventing use of 195
FlashAir Wireless SD Card 26
Flash/charge lamp 203
 indication of whether flash will fire 51
Flash Exposure Compensation menu option 179, 350, 381
Flash mode menu 38, 51, 210
 effect of shooting mode on available options 344
Flash pop-up button 30, 49, 195, 343
Flexible Program feature 60, 203, 207
 changing control dial for feature 280
Focal length
 how to determine for given shot 188
 in general 326
Focus
 procedure for off-center subject 43

- selecting standard autofocus mode 40
- Focus mode menu 40, 212, 340
- Food setting 99
 - using for macro photography 342
- Format menu option 275–276
- Formatting internal memory 276
- Formatting memory card 276
- Framing grid 201, 261
- Front-curtain sync 349
- Function button 29, 192–193
 - assigning an item to 193
 - items that can be assigned to 192
 - limitations on operation 194
 - using to activate continuous shooting 155

G

- GPS
 - using to synchronize camera's clock 297
- GPS antenna 29
- GPS data
 - using to map locations of images 286
- GPS logging 294–295
 - viewing data with software 296
- GPS Options menu
 - in general 286
- GPS Options menu item 287
- Grayed out (unavailable) menu items 129, 132

H

- HDMI 3D Output menu option 279
- HDMI cable 217, 359
- HDMI Device Control menu option 278
- HDMI menu option 278
- HDMI port 31, 217
- HDR (High Dynamic Range) photography 82, 181
- HDR setting 83–85, 183
- Hi 1 and Hi 2 ISO settings 121, 166
- High-contrast monochrome setting 117
- High-definition (HD) video recording formats 311–312
- High ISO Monochrome setting 121

- High ISO setting
 - effects on image quality 167
- High Key setting 118
- High-speed (HS) video recording options 313–316
- Histogram 48, 201, 225–227, 262
 - viewing by activating exposure compensation 263
- HP Photosmart C6180 printer 253

I

- iFrame video recording format 312, 325
- Image Quality menu option 37, 133
 - unavailable with Panorama or 3D setting 129
- Image Review menu option 260
- Image Size menu option 37, 134–138
 - unavailable with Panorama or 3D setting 129
- iMovie software 163, 312
- Infinity setting for focus mode 212
- Infrared filter 352
- Infrared photography 351–353
- Interlaced video recording format 311
- Interval Timer option 162
 - playing back images 163
 - using to take pictures from overhead position 163, 218
- iPad
 - playing movies on 379
- iPhone
 - playing movies on 379
- iPod
 - playing movies on 379
- ISO
 - Hi 1 and Hi 2 settings 166
 - in general 164
 - limitations on settings 169
 - setting individual values 166
 - setting with Coolpix P520 165
- ISO 6400 166
- ISO 12800 166
 - how to set 121
- ISO Sensitivity menu option 164–169
- iTunes

playing movies in 379

J

JPEG images 134

K

Kelvins as measurement of color temperature 148

L

Landscape mode 80

Language

setting 34, 277

Language menu option 277

LCD display screen

ability to tilt and swivel 217–219

using for street photography 354

adjusting brightness 261

specifications 217

LED light fixture

using with Coolpix P520 371

Lens cap

attaching to neck strap 18

Level of Detail menu option 291

Locking exposure during video recording 212, 303

Low Key setting 118

M

Macro autofocus setting 340

Macro photography 339–342

uses for 379

with manual focus 342

Manual exposure mode 73–74

using for HDR photography 87

Manual exposure scale 74

Manual focus 44–45

focusing scale 45

using autofocus in connection with 46, 211

Manual setting for AF Area Mode option 174

Megapixels

- as measurement of image size or resolution 134
- Memory
 - internal 21
 - formatting 276
 - icon on display when in use 22
 - image capacity 22
- Memory card. *See* SD card
- Menu button 205
- Menu system 205
 - in general 129
- Metering menu option 153–154
 - Center-weighted setting 153
 - Matrix setting 153
 - Spot setting 154
 - unavailable when Active D-Lighting in use 155
- Microphone 29, 31
- Miniature Effect setting for Filter Effects 239
- Minimum Shutter Speed menu option 168
- Mode dial 28, 191
- Monitor Settings menu option 55, 260–263
 - using to show grid or histogram 201
- Moon
 - photographing 333
- Motion Detection menu option 267–268
 - limitation on availability 269
 - screen icon for 268
 - using with long telephoto range of zoom lens 338
- Movie button 29, 54, 202, 298
- Movie menu 52, 309–319
- Movie Options menu item 52, 310–316
- Movies
 - editing in camera 322–324
 - editing with software 57
 - identifying in index views 320
 - playback 56, 320
 - saving single frame from 325
- MultiMediaCard (MMC) 23
- Multi selector dial and buttons 30, 207, 207–216
 - changing function of dial 280
 - icon representing dial on display screen 208

- using to set aperture 207
- Multi-shot 16 setting 161
 - limitations on Image Size and Image Quality with 132
- Museum setting 101
 - use of Best Shot Selector setting 161

N

- National Marine Electronics Association (NMEA) 296
- NCFL folder on memory card
 - using for GPS options 288, 296
- Neck strap
 - attaching to camera 18
- Neutral density (ND) filter 380
- Night Landscape menu option 78
- Night Landscape mode 50, 77
- Night Portrait setting 92
- Nikon Coolpix P520 camera
 - items shipping with 18
- Nikon ViewNX2 software
 - GPS functions of 287, 290, 296
- Noise Reduction Filter menu option 180
- Nostalgic Sepia setting 116
- NTSC television standard 278

O

- OK button 30, 208
- Optical slave flash
 - using with Coolpix P520 369

P

- Painting setting for Filter Effects 239
- PAL television standard 278
- Panorama Maker 6 software 107
- Panorama setting 103–109
 - Easy Panorama option 104
 - Panorama Assist option 105–108
 - shooting larger panoramas 382
- Party/Indoor setting 93
- Pet Portrait Auto Release setting 110, 215

- Pet Portrait setting 109
 - disabling of camera sounds 274
- PhotoAcute software 83
- Photomatrix Pro software 83, 87
- PictBridge printing protocol 253
- Picture Control menu option 139–145
 - adjustments to settings 142–144
 - displaying grid showing adjustments 145
 - Monochrome 141
 - adjustments to 143
 - Neutral 140
 - Quick Adjust option 143
 - Standard 139
 - Vivid 141
- Playback
 - calendar view 223
 - continuous shots 228–229
 - cropping image 223
 - display screens 224–225
 - enlarging images 222
 - general procedure for still images 55, 220–221
 - index views 221–222
 - movies 56, 320
 - review of images in shooting mode 55
- Playback button 30, 55, 199
 - using to turn camera on 199
- Playback menu
 - in general 231
- Points of Interest (POI) menu option 289–293
- Portrait
 - using flash exposure compensation for 179
- Portrait setting 91
- Power switch 29, 189
 - blinking green light 190
- Pre-shooting Cache setting 158
- Print Date menu option 264
- Printing images
 - directly from camera 253–254
 - in general 252
- Print menu 254

Print Order menu option 241
 Program mode 39, 60–61
 availability of settings with 62
 Progressive video recording format 311
 Protected image
 erased with Format command 244
 Protect menu option 244

Q

Quick Retouch menu option 232
 QuickTime software 57

R

Raw files 26
 Raw format
 unavailable with Coolpix P520 133
 Rear-curtain Sync setting 348–349
 Record GPS Data menu option 287
 Red-eye effect
 preventing 345
 Red rectangle
 flashing to indicate focus not achieved 39
 Remote control operation of camera 26
 Remove POI menu option 293
 Reset All menu option 185, 284
 using to resolve conflicting camera settings 133
 Reset File Numbering menu option 281
 Reset User Settings menu option 184
 Resolution 134
 Reverse Indicators menu option 283
 Rotate Image menu option 245
 Rule of Thirds 201, 262

S

Saturation
 adjusting with Picture Control menu option 143
 Save User Settings menu option 125, 184
 Scene Auto Selector setting 90
 Scene modes

- in general 76–77, 88–89
- limitations on menu settings with 89
- listing of 76
- SD card
 - formatting 276
 - image capacity 24
 - in general 23
 - inserting into camera 27
 - selecting 24
 - speed 24
 - varieties of 23
- SDHC card 23
 - compatibility issues 24
- SDXC card 23
 - compatibility issues 24
- Selective Color setting for Filter Effects option 236
- Selective Color setting for Special Effects mode 119–121
- Self-timer 213–214, 381
 - compatibility with continuous shooting 157, 214
 - compatibility with video recording 214
 - using for macro photography 342
- Sequence Display Options menu item 230, 244, 250, 251
- Setup menu 33
 - in general 256
- Sharpening
 - adjusting with Picture Control menu option 143
- Shooting menu
 - in general 127–128
 - navigating 130, 381
 - using command dial as shortcut to select options 131
 - options available in Program mode 40
- Shooting modes
 - list of 39, 59
- Shutter Priority mode 63–66
- Shutter release button 29, 190
 - using to take still picture during video recording 190
- Shutter speed
 - limitations on settings 63
 - numerical display of 67
 - range of available settings 63, 75

- using to stop action 64
- Shutter speed value
 - blinking, meaning of 66
- Side zoom control 31, 38, 196–197, 338
 - assigning function to 273
- Silhouette setting 122
- Skin softening
 - with Portrait setting 91
- Skin Softening menu option 234
- Slide Show menu option 243
- Slow-motion video
 - recording 314
- Slow Sync setting 346–347
- Small Picture menu option 246
- Smile Timer 198, 213, 215
- Snap-back zoom 196, 273, 338
- Snow setting 95
- Soft setting for Filter Effects 236
- Soft setting for Special Effects mode 116
- Sound Settings menu option 274
- Speaker 31
- Special Effects mode 114–123
 - in general 114
 - list of settings 115
 - Shooting menu choices available with 115
- Spedded-up video
 - creating 316
- Sports setting 92
- Standby mode 190, 274
- Startup Zoom Position menu option 187–188
- Stereo Photo Maker software
 - using to edit and view 3D images 112
- Street photography 353–357, 381
 - settings 354–357
- Subject Tracking focus option 176
- Sunset setting 96
- Synchronize menu option 297

T

- Target Finding AF option 177
- Television set
 - connecting camera to 358–359
- Time-lapse photography 162
- Time zone
 - setting 259
- Time Zone and Date menu option 259
- Toggle Av/Tv Selection menu option 203, 207, 279
- Toning adjustments to Monochrome setting 144
- Transcend SD card 26
- Trash button 205–207
 - using to delete image in shooting mode 207
 - using to delete images in playback mode 205–206
 - using to delete voice memo 207
- Tripod socket 32
- TV Settings menu option 278

U

- Update A-GPS File menu option 288
- Update POI menu option 293
- USB cable 216
 - using to charge battery 20
 - using to connect camera to printer 253
- USB port 31, 216
- User Settings mode 124–126, 338, 378

V

- VGA video recording format 313
- Vibration Reduction menu option 265–266
- Video Mode menu option 278
- Video recording
 - adjusting white balance 305
 - autofocus mode 317–319
 - basic procedure 52–54, 298–299
 - controlling exposure 303
 - different recording and playback rates for NTSC and PAL footage 311
 - effect of TV Settings menu option 310

- effects of still-shooting settings 301
- fast motion 316
- focus settings 301
- high-speed recording options 313–316
 - limitations 316
- limitation on recording time 310
- limitation on using digital zoom 306
- pausing with OK button 308
- Picture Control menu option 304
- recording format options 311–316
- setting metering method 305
- settings not available 309
- slow motion 314
- taking still images during 190, 307
 - limitations 307
- using exposure compensation 302
- using exposure lock 303
- using Function button 308
- using manual focus 302
- using self-timer 304
- using zoom 306
- Vibration Reduction 306
- Video recording display 54
- Viewfinder 29
 - activating 38, 219
- View/Hide Framing Grid menu option 261
- View/Hide Histograms menu option 262
- View Log menu option 295
- Vignette setting for Filter Effects 240
- Voice memo
 - deleting 207, 248
- Voice Memo menu option 247

W

- Welcome Screen menu option 257
- White balance
 - how to set on Coolpix P520 148–150
 - making custom setting 150
 - in general 147
- White balance comparison chart 152

- explanation of 151
- White Balance menu option 147–152
 - Preset Manual setting 150
- Wi-Fi network 25, 26
- Wireless Mobile Adapter 26, 372–377
 - using as remote control for overhead shots 218

Y

- Yongnuo YN560 flash unit 369

Z

- Zeikos Digital Slave Flash 370
- Zone focusing 381
- Zoom lens
 - problems in using long telephoto range 335–338
 - using long telephoto range 327–338
- Zoom lever 191
 - using to compose image 38
 - using to enlarge images in playback mode 191
 - using to view index screen in playback mode 191
 - using to view information screen 192
- Zoom Memory menu option 185–188, 191
- Zoom scale
 - appearance when using digital zoom 270–271
 - using to determine macro focusing range 340