



2	Getting Started	20	Basic Photographic Ideas and External Buttons
3	The Panasonic Lumix DMC-GH2: New Features	21	Introduction
3	Using This Book	23	File Formats
5	Setting Up Your New Panasonic GH2 Camera	26	Shutter-Release Button
6	Battery	26	Focusing
7	Memory Card	33	Exposure (Shutter Speed, Aperture, ISO)
9	Protecting the Lens	36	White Balance and the Appearance of Color
10	Viewing Menu Commands	37	Drive Mode Lever
15	Touch Screen	40	Videos
16	Information and Error Messages	41	Recommendations
16	Important RESET Command		
16	Cleaning the Sensor		
17	Setting the Clock Date and Time		
18	The Dual Viewing System of the Panasonic		
19	Recommendations		



**42 Exploring the Power of
Two Electronic Displays**

- 43 Introduction
- 43 The LCD Screen
- 44 The Viewfinder
- 45 Framing Pictures
- 58 Reviewing Pictures, Burst
Groups, and Videos
- 61 Altering the Playback Display
- 65 Deleting Saved Pictures, Burst
Groups, and Videos
- 66 Recommendations

68 Automatic Settings

- 69 Introduction
- 70 Face Recognition
- 76 Mode Dial
- 77 Intelligent Auto Mode
- 84 Predefined Scene Modes
- 91 Recommendations



94 Setting the Camera Using Shortcuts

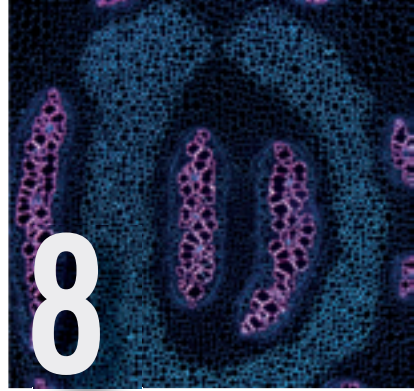
- 95 Introduction
- 95 Quick Menu
- 97 My Menu
- 98 Setting the Function Buttons
- 100 Custom Modes
- 102 Setting Color Schemes
- 108 Recommendations

110 Taking Control of the Camera

- 111 Introduction
- 111 Three Semiautomatic Modes: Shutter-Priority AE (S), Aperture-Priority AE (A), and Program AE (P)
- 115 ISO
- 119 White Balance
- 124 Revisiting Aspect Ratio and Pixels
- 126 Customizing Automatic Focusing
- 129 Automatic Focusing: Speeding Up Focusing at the Expense of Battery Power
- 130 Automatic Focus in Dim Light
- 131 Locking Focus with AF/AE
- 131 Manual Focus: Overriding Automatic Focusing



- 134 Manual Operation of the Camera**
- 135 Introduction
 - 135 Manual Exposure Mode Controls
 - 140 Manual Focusing Overriding Automatic Focusing
 - 140 Manual Focusing of Four Thirds Lenses
 - 141 Manual Focusing Any Lens
 - 141 Focusing Using the Touch Screen
 - 143 Fine-Tuning White Balance
 - 145 Intelligent Resolution
 - 146 Getting More Magnification from the Lens
 - 148 Choosing File Formats: JPEG
 - 149 Optical Image Stabilizer (O.I.S.)
 - 151 Auto Bracketing



- 156 The System Approach to Expanding the Camera's Utility**
- 157 Introduction
 - 157 Optical Accessories: The Micro Four Thirds Lens
 - 160 The Four Thirds System
 - 163 Legacy Lenses, Discontinued Lenses
 - 167 Research Microscopes
 - 168 Laboratory, Teaching, and Home Microscopes
 - 170 Cable Release
 - 170 Tripods
 - 172 Telescopes
 - 174 Recommendations



176 Flash Photography

- 177 Introduction
- 177 The Built-In Flash
- 181 The Flash Icons on the Display Screen
- 181 Additional Controls for Preflash and Internal Shutter
- 185 External Flash
- 186 Recommendations



188 Videos

- 189 Two Roads to Video
- 190 Part 1: General Video Setup
- 200 Part 2: Advanced Settings: Creative Motion Picture Mode
- 205 Recommendations



208 **Playing Back Your Pictures and Videos**
209 Introduction
210 Playback Terminology
210 PLAYBACK Menu
235 Working outside of the Camera
237 Recommendations



238 **Appendix A—Common Error Messages and Resolutions**
246 **Appendix B—Intelligent Auto Mode Menu Options**
252 **Acknowledgments**
253 **Index**