

Introduction to Digital Cameras

Introduction.....	1
How a Digital Camera Works.....	2
Advantages and Limitations of Digital Cameras	3
Choosing a Digital Camera: Basic Types	4
Camera Parts	5
Lenses	5
Zoom.....	5
LED Display	5
Flash.....	6
CCD and CMOS	6
Memory Device	6
Power	7
Other Equipment.....	7
Camera Care.....	8
General Camera Care Tips.....	8
Lens Care	8
Storage	8
Traveling.....	9
Resolution	10
Taking Digital Photographs	11
Checking the Status Screen.....	11
Setting the Focus.....	11
Using the Zoom.....	12
Taking a Picture	12
Viewing the Pictures	13
Using the Camera Settings.....	15
Image Quality.....	15
EV Compensation	16
White Balance.....	16
ISO Speed	17
Color	18
General Camera Settings.....	18
Setting Modes and Flash.....	20
Changing the Capture Modes.....	20
Changing the Flash Settings.....	21

A Few Picture-Taking Tips.....	22
Composition.....	22
Lighting.....	25
Downloading Your Photographs.....	26
The Downloading Process	26
Using Vista’s Windows Photo Gallery To Download and Edit Images.....	27
Viewing Options	28
Using Archiving Software	29
File Formats	30
JPEG	30
TIFF	30
RAW	31
GIF	31
PNG.....	31
Changing File Formats.....	31
Fixing and Enhancing Your Photos Using Windows Gallery	32
Cropping the Image.....	32
Other Adjustments	33
Printing.....	34
Fixing and Enhancing Your Photos Using Photoshop Elements.....	35
Removing Red Eye	35
Straightening a Picture.....	36
Cropping the Image.....	37
Correcting Color and Brightness	38
Creating Artistic Effects	38
Exercise.....	40
Printing, Displaying, and Sharing Photos.....	41
Printing.....	41
Online Storage Resources	42
Appendix A: HP Photosmart 435 Controls.....	43
Appendix B: Using Photos with Software Applications.....	44