

2002 Low End Digital Camera Forecast North America Table of Contents

Executive Summary	1	Price Segments: Sub-\$500 vs. \$500 - \$1,000	16
Forecast Methodology	2	Vendor Market Share by Price Segment	17
Digital Camera Product Segmentation	3	Digital Camera Vendors	19
Digital Camera Attachments	3	Agfa	19
Entry-Level Digital Cameras	3	Canon	19
Point & Shoot Digital Cameras	3	Casio	20
Digital SLR	3	Epson	20
Technology Trends	4	Fujifilm	20
PC Penetration	4	Hewlett-Packard	20
Internet Connectivity	4	Kodak	21
Printer Penetration	4	Minolta	21
Scanner Penetration	5	Nikon	21
Low End Digital Camera Market Drivers	5	Olympus	21
Mass Market Awareness and Adoption	5	Panasonic	21
Low Prices	5	Polaroid	22
Digital Cameras In the Classroom	5	Ricoh	22
Business Applications	5	SiPix	22
Film Digitization Services	6	Sony	22
Home Photo Printing	6	Toshiba	22
Retail Digital Photo Printing Services	6	Digital Camera OEM Manufacturers	23
Promotions and Advertising	6	Digital Camera Market Impact on Film	
Low End Digital Camera Market Barriers	7	Camera Sales	23
Complex Procedures	7	One-Time Use Cameras	24
Lack of Retail Digital Photofinishing Services	7	Digital Camera Market – Product Adoption Curve	24
Digital Cameras are Still Too Expensive	7	Ongoing Digital Camera Market Issues	25
Expensive Printing Options	7	Long Term Image Archival	25
Low End Digital Camera Market Forecast	7	Printing Digital Photos	25
2001 Digital Camera Market – Year in Review	8	Battery Life	25
Outlook for 2002	8	Image Quality	26
Low End Digital Camera Unit Sales	8	Digital Camera Design and Technology Trends	26
Digital Camera Market: \$100 - \$1,000	9	Red Eye Removal	26
Digital Camera Sub-\$100	10	Docking Stations	26
Low End Digital Camera Vendor Unit		Digital Camera Binoculars	26
Market Share	10	Internal Memory – No Bundled Cards	27
Low End Digital Camera Revenue	11	Digital Camera Storage Media	27
Digital Camera \$100 - \$1,000	12	Exif 2.2	27
Digital Camera Sub-\$100	12	CMOS	28
Low End Digital Camera Average Selling		Wireless Interface	29
Price	13	Ultra-Compact Designs	29
Low End Digital Camera Installed Base	13	Video Capture	29
Low End Digital Camera Resolution Trends	14	DPOF	30
Sub-1.0 Million Pixels	15	Conclusion	30
1.0 - 1.9 Million Pixels	15	Appendix	31
2.0 - 2.9 Million Pixels	15	Low End Digital Camera Forecast - NA	A
3.0+ Million Pixels	15	Price Segments Units (K)	B
Forecast by Price Segments	16	Pixel Segment Unit Sales (K)	C

2002 Low End Digital Camera Forecast North America

Table of Figures

Figure 1 – Digital Camera Product Segments: Price Range and Feature Set, 2002 3	Figure 14 – Pixel Segment Unit Forecast, 2001 - 2007, N.A. 14
Figure 2 – Where have you heard about digital Cameras? Source: InfoTrends 2002 Digital Camera Study..... 6	Figure 15 – Pixel Segment Percent of Total Sales, N.A., 2001 - 2007 14
Figure 3 – Digital Camera Unit Sales (K) and Annual Growth Rate (%) N.A., 2001 – 2007..... 9	Figure 16 – Price Segment Forecast Units (K), N.A., 2001 - 2007 16
Figure 4 – \$100 - \$1,000 Digital Camera Unit Sales (K) and Annual Growth Rate (%) N.A., 2001 - 2007..... 9	Figure 17 – Price Segment Percent of Total Sales, N.A., 2001 - 2007 16
Figure 5 – Sub-\$100 Digital Camera Unit Sales (K) and Annual Growth Rate (%) N.A., 2001 – 2007..... 10	Figure 18 – Sub-\$500 and \$500 - \$1,000 Digital Camera Units (K) and Unit Share (%) N.A., 2001 - 2007 17
Figure 6 – 2001 Low End Digital Camera Vendor Unit Market Share, N.A. 11	Figure 19 – 2001 Vendor Unit Market Share, Sub-\$100 Price Segment, N.A. 17
Figure 7 – Vendor Unit Market Share, 2001 and Outlook for 2002 11	Figure 20 – 2001 Vendor Unit Share, \$100 - \$499 Price Segment, N.A. 18
Figure 8 – Digital Camera Revenue (M) and Annual Growth Rate N.A., 2001 – 2007..... 12	Figure 21 – 2001 Vendor Unit Share, \$500 - \$1,000 Price Segment, N.A. 19
Figure 9 – \$100 - \$1,000 Digital Camera Revenue (M) and Annual Growth Rate N.A., 2001 - 2007..... 12	Figure 22 – Forecast of Film Cameras and Digital Cameras N.A., Unit Sales (M) 2001 - 2007 23
Figure 10 – Sub-\$100 Digital Camera Revenue (M) N.A., 2001 - 2007..... 12	Figure 23 – Product Adoption Curve: Digital Camera Adoption Entering Early Majority, U.S. year-end 2001 24
Figure 11 – Low End Digital Camera Average Selling Price and Annual Price Change N.A., 2001 - 2007..... 13	Figure 24 – Installed Base of Digital Cameras with Installed Base of DPOF-enabled DCs, 2000 - 2007, N.A. 30
Figure 12 – Digital Camera Installed Base (K) N.A., 2001 - 2007 13	
Figure 13 – 2002 and 2007 Pixel Segment Unit Share, N.A. 14	