

Product Bulletin

Microtek ScanMaker 1000XL Pro

With an optical resolution of 3200-dpi and a massive scan bed of 12" x 17", the ScanMaker 1000XL Pro is the highest-resolution tabloid-size flatbed scanner on the market today. And with the included Transparent Media Adapter, the scanner achieves superior film scanning of up to 12"x16" film. Other outstanding features: Reflective and transparent calibration targets; film templates for 35mm slides, 35mm filmstrips, 4"x5" film, and 120 film; FireWire and Hi-Speed USB interfaces; and a robust software package including SilverFast Ai 6 and Adobe Photoshop Elements 3.0. Plus, with DIGITAL ICE Photo Print Technology and Microtek's ColoRescue, it's easy to correct damaged photos and restore color in photos and film.



Product Specifications:

Microtek Part Number	1108-03-770002		
UPC Code	7-93111-81064-3		
SRP	Please refer to your product roadmap for current pricing		
Bit Depth	48 bit		
Resolution	Optical:	6400 x 3200 dpi	Interpolated: 25,600 dpi x 25,600 dpi
Maximum Optical Density	4.0		
Scan Area	12" x 17" (Reflective); 12" x 16" (Transparent)		
Interface Type	FireWire and Hi-Speed USB		
Platform	PC/ Mac		
Included Software / Utilities	Microtek ScanWizard Pro (Mac/PC)	LaserSoft SilverFast Ai 6	
	Adobe Photoshop Elements 3.0 (Mac/PC)	Microtek ICC Profiler (PC/Mac)	
	ABBYY FineReader Sprint OCR (Mac/PC)	Ulead Photo Explorer (PC/Mac)	
	LANShare: Integrated LAN Scanner Sharing Utility (PC)	Adobe Acrobat Reader (PC/Mac)	
	Kodak Digital Science Color management software (Mac/PC)		
Included Hardware	FireWire cable, Hi-Speed USB cable, and Power cord		
Included Accessories	TMA 1000XL (part# 1108-03-160002), Kodak Q-60R2 (Reflective) and Q-60E1 (transparent) calibration targets, Film Templates for 35mm slides, 35mm filmstrips, 4"x5", and 120 film		
Service Level / Warranty	Gold	1 Year limited	

Technical Specifications:

Scan Time (4" x 6" color photo)	300 dpi:	15 seconds	600 dpi:	25 seconds
Color Passes	Single			
Image Sensor	41,300 element tri-linear CCD array			
Voltage / Power Consumption	100 ~ 240V, 47 - 63Hz		45 Watts (max)	
Power Supply / Power Switch	Internal	Yes		
Chassis Lock	Bottom Screw			
Interface Pin Connection	2x6 pin (FireWire-1394) & 1x4 pin (USB 2.0)			
PC System Requirements	128MB RAM (256MB or more to use DIGITAL ICE Technology) Pentium III PC and later. USB*: USB port, Win 98SE/Me/2000/XP Firewire: (IEEE1394) FireWire port, Win 98SE/Me/2000/XP			
Mac System Requirements	128MB RAM (256MB or more to use DIGITAL ICE Technology) iMac DV or Mac G3/G4/G5 with built-in USB* or FireWire Port, Mac OS9.x and OS X v10.2~10.3; Built for Mac OS X			

Shipping Specifications:

Dimensions (LxWxH)	Scanner: 24.7" x 14.8" x 7.1"	Carton: 30.6" x 19.6" x 13.6"
Weight	Scanner: 35.4 lbs	Shipping: 45 lbs
Pallet Quantity	2 per layer x 6 high = 12 per 40" x 48" GMA Pallet	

*Please Note: Hi-Speed (USB 2.0) is a new standard which is backward compatible with USB 1.1. To achieve USB 2.0 throughput speeds, a USB 2.0 supported system is required

ScanMaker 1000XL Pro**Competitive Advantages:****Features:****Benefits:**

Large 12" x 17" reflective scan area	<ul style="list-style-type: none"> • Scan over-sized materials such as newspapers & tabloid magazines or set up batch scans with multiple photos for greater efficiency in a production environment.
TMA 1000XL Transparency Adapter	<ul style="list-style-type: none"> • Includes newly designed templates for scanning 35mm slides & filmstrips, 4" x 5", 6 x 4.5cm, 6 x 6cm, 6 x 7cm, and 6 x 9cm film • The perfect solution for medical professionals: Digitize X-Ray film for electronic data storage convenience • Moving light source provides greater brightness for sharper images
48-bit color depth and 4.0 Maximum Optical Density with multiple data sampling	<ul style="list-style-type: none"> • Full 48-bit color for richer and smoother tonal values • Delivers more image detail in shadow and highlight areas for a more true-to-life representation of your original • Multiple sampling is a user-defined option that reduces image noise by sampling each line of image data multiple times resulting in purer image output
DIGITAL ICE Photo Print Technology	<ul style="list-style-type: none"> • With DIGITAL ICE Photo Print Technology built into the hardware, the ScanMaker 1000XL automatically reconstructs your damaged photos by identifying and eliminating unwanted surface defects • Removing dust and scratches is easy. The ScanMaker 1000XL corrects deep scratches, cracks, creases, rips and tears found in photo print surfaces with one click • Save time and money and bypass hours of painstaking work. Get amazing results in a fraction of the time! Professionals will love the productivity and immediately see the improvement in their bottom line
ColorRescue automatic color restoration for photos and film	<ul style="list-style-type: none"> • Bring your faded colors back to life with Microtek's automatic color restoration feature. Utilizing ScanWizard Pro scanning software, the ScanMaker 1000XL can automatically revive the colors of your old photographs, slides, and filmstrips • A one-step automatic process for color restoration -- no hassle and no learning curve involved
High-resolution CCD	<ul style="list-style-type: none"> • 41,300 element CCD provides an optical resolution of 6400 x 3200 dpi allowing for greater enlargement of scanned images.

<p>Microtek's Very Own Award-Winning Scanner Controller software - Microtek ScanWizard Pro</p>	<ul style="list-style-type: none"> • Hundreds of ICC & ColorSync compatible profiles • Professional CMYK profiles which conform to US SWOP, Japanese Ink, and Euroscale industrial printing standards • Microtek's scanner ICC Profiler software along with the included Kodak Q-60R1 calibration target, help you maintain consistent color quality in any work environment. • Intuitive color adjustment in LCH (Lightness, Chroma, Hue) color space • Intelligent image category feature performs automatic image corrections • Selective and global color correction in both LCH and CMYK modes • Professional unsharp mask filter sharpens lightness channel only; effect simulated on preview • ICC profiles embedded in output images; soft proof of RGB, CMYK images • Import/Export Adobe Photoshop curve settings
<p>SilverFast Ai 6 dust-and-scratch removal, plus other new features</p>	<ul style="list-style-type: none"> • SRD (Smart Removal of Defects) allows for the removal of dust and scratches during the scanning process • ACR (Adaptive Colour Restoration) restores faded and weak colors from old media • SCC (Selective Colour Correction) permits the user to selectively change colors in up to four places on the scan • SC2G (Selective Colour To Grey) enables a controlled change of color to grey. The user can control the details and highlights for greater contrast • GANE (Grain and Noise Elimination) reduces magnitude of film grain or any other abnormalities • MidPip4 allows the removal of colorcast in up to four points • SF_App is Silverfast's new stand-alone application • SilverFast 6 also includes new QuickTime tutorials for your convenience
<p>SilverFast Ai 6 NegaFix™ for superior negative film scanning quality</p>	<ul style="list-style-type: none"> • Adjust and process any negative for optimum results with ability to create your own negative profiles • NegaFix is a real-time negative film optimization facility that has been designed to handle many different types of negative film (black and white and color) • Includes 120 film profiles for precise color reproduction and consistency than ever before. Film options include vendor, type, group and film speed
<p>Multiple Sampling</p>	<ul style="list-style-type: none"> • Random noise is a prime offender in affecting the quality of scanned images. To reduce this noise, Microtek's Multiple Sampling Technique optimizes image data while reducing data variation. Each scanned line is sampled multiple times and an average is obtained to distill the top-quality data. This technique effectively minimizes signal fluctuation and artifacts, resulting in purer image output, which greatly enhances the optical density range.
<p>Batch Scan Support</p>	<ul style="list-style-type: none"> • Increase productivity by laying out several photos on the bed, customize image settings for each, and hit "Scan" to bring them all in. Custom scan job layouts can be saved for later use.
<p>Zero Reflection Design Technology</p>	<ul style="list-style-type: none"> • Dramatically improves digital image by eliminating artifacts created by light reflection.

Microtek's LANShare: Integrated LAN Scanner Sharing Utility (PC only)

- Access the scanner over a local area network (LAN)
- Allows multiple users to use the same scanner hardware.
- More versatility and ease of use for network image sharing.
- Easy to understand icons and network messaging lets all users on the network know the exact status of their scanning jobs and when the scanner is available for access.

Sample Advertising Bullets:

- Large Format 12" x 17" scan area
- Included TMA 1000XL 12" x 16" Transparency Adapter
- 4.0 Maximum Optical Density
- 6400 x 3200 dpi optical resolution
- True 48-bit color depth, 16-bit grayscale
- FireWire and Hi-Speed USB interfaces
- Features batch scan support and multi-sampling
- Includes: Microtek ScanWizard Pro, LaserSoft SilverFast Ai 6.0, Adobe Photoshop Elements 3.0, Abbyy FineReader Sprint OCR, Kodak DS Color Management
- Network Scanning for Windows