

Kodak

# i600 Series Scanners



## Extreme performance has arrived.



We've gone to extremes so you can, too:

- Perfect Page Scanning with iThresholding
- Fastest color scanning in its class
- Enhanced and expanded paper handling

They're here. And they're very possibly the most dependable mid-range production scanners ever built—the KODAK i600 Series. Designed to handle even extreme applications, the i600 Series Scanners are loaded with the features you've asked for. These three sensational desktop scanners—the i620, i640 and i660—offer you exceptional price/performance. Not to mention incredible image quality, super-fast image processing and reliable paper handling. Their autofeeder is sensitive enough to handle rice paper without damaging it. And their onboard optics are powerful enough to scan the most challenging documents. They're easy to use and designed to meet the latest ergonomic standards. Simply put, there's nothing but performance and precision under the hood of the i600 Series. We've built a lot into them, so you can get a lot out of them.

PART SWISS WATCH.  
PART SPORT UTILITY VEHICLE.

You want imaging that's as precise as it is powerful? You got it. The i600 Series boasts new and improved image processing features to help maximize your image quality on every scan—without slowing down. Like Perfect Page Scanning with iThresholding, which delivers clean, crisp images at full speed and reduces pre-sorting and re-scans. Skew Angle Determination and Wider Image area enhancements provide an even more accurate deskew, even for A3 size documents. Aggressive Cropping ensures no black borders on your images. And Electronic Color Dropout allows you to remove irrelevant background color without stopping to change lamps. All of which makes you ready for serious scanning.

LIKE PLAYING WITH PAPER?  
MAY WE SUGGEST AN ORIGAMI CLASS?

The i600 Series features improved SurePath paper handling for a smoother workflow. Its multi-feed detection system uses three ultrasonic sensors for highly reliable detection of adhesive labels and stuck-together documents, saving you time and headaches. Plus, it scans all sorts of paper thicknesses—from 7-pound to 110-pound stock. On top of that, the i600 Series features multiple feeding positions to accommodate a wide range of document shapes and sizes, including checks. The output tray is adjustable, so documents are stacked the same way they were fed. What's more, the Ultra-Lightweight Feed Module accessory allows you to snap in a different feeder and handle even very thin documents.

LIFE IN THE FAST LANE.

Talk about fast—the i600 Series quickly delivers high-quality images via five output modes: color, bitonal, grayscale, simultaneous bitonal and grayscale, or simultaneous bitonal and color. So you can output up to 480 images per minute. And you can scan mixed batches with virtually no pre-sorting and get through your toughest workloads faster than ever. Now, that's some serious horsepower.

OUR WORLDWIDE SERVICE & SUPPORT TEAM IS ALWAYS HERE FOR YOU.

With Kodak's worldwide team of experts, you'll get the convenient and flexible service and support options you'd expect from the industry leader. From installation and training to extended coverage hours, our service and support offerings maximize your uptime and ease your mind.



**iN**novation you can count on™

As an ENERGY STAR® Partner, Eastman Kodak Company has determined that these products meet ENERGY STAR® guidelines for energy efficiency.



## FEATURES/BENEFITS

**Exceptional dependability, speed and image quality:** Loaded with high-value features, this is one tough machine that's built for serious scanning.

**Five output options:** Meet essentially every application need. Choose color, bitonal, grayscale, simultaneous bitonal and grayscale, or simultaneous bitonal and color.

**Perfect Page Scanning with iThresholding:** Delivers clean, crisp images at full speed, which reduces pre-sorting, re-scans and post-image processing.

**SurePath paper handling:** The i600 Series is virtually jam-free and damage-free because it's designed for smooth paper transport from input to output.

**VRS READY:** Offers more options and convenience.

**Relative cropping:** Lets you scan just one area of a document, saving file space and improving OCR read rates.

**Toggle patch:** Instantly switch between bitonal and color scanning, or bitonal and grayscale scanning, as many times as needed, simply by scanning a unique patch code.

**Dual Xenon lamps:** Two long-lasting, mercury-free Xenon lamps per side give you maximum illumination to help eliminate shadows from wrinkled documents.

**Bundled ISIS & TWAIN drivers:** For trouble-free system integration so you can start scanning the minute you plug it in.

**Standard IEEE-1394 (FIREWIRE) interface:** This fast, industry-standard interface speeds images to your host PC. And we also include the IEEE-1394 card and cable for your convenience.

**Easy to use, meets ergonomic design standards:** We've made the i600 Series easy to operate and tough to beat:

- 500-sheet elevator for easy paper feeding
- Easy-to-reach input and output tray
- Easy access to the complete paper path
- Easy-open design—you can open the hood with one hand
- Designed for seated operation
- Easy-to-change rollers and feed modules

**Easy cleaning and maintenance:** Our enclosed camera design, along with special vents and filters, keeps dust out of the imaging path. Total access to the paper path allows for easy upkeep.

**Quiet operation:** So quiet you can hear the thoughts of the guy in the next office.

**Small footprint:** Big scanning volume, small size. Its desktop design means it fits just about anywhere.

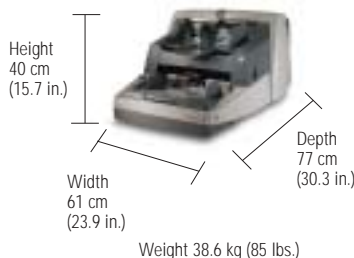
**The latest in ultrasonic multi-feed detection:** Three ultrasonic sensors flag multi-feeds, so you can capture and image every document.

**Document imprinter:** Pre-scan document imprinting capability is included with every model.

#### OPTIONAL ACCESSORIES:

**White Imaging Background:** Allows you to easily change the imaging background from black to white to maximize your imaging options.

**Ultra-Lightweight Feed Module:** Snap it in and feed even the thinnest documents with confidence.



## specifications

Recommended Daily Volume	Up to 60,000 pages per day
Throughput Speeds: (At 200 dpi, duplex, landscape-oriented, letter-size documents)	i620 80 ppm* (up to 320 ipm**) i640 100 ppm (up to 400 ipm) i660 120 ppm (up to 480 ipm)
Scanning Technology	Dual Tricolor Plus CCD Grayscale output bit depth is 256 levels (8-bit) Color capture bit depth is 40-bit (10 bits per red, green, blue and black channels) Color output bit depth is 24-bit
Optical Resolution	300 dpi
Illumination	Dual 2500 hour+ Xenon lamps per side, mercury-free
Output Resolutions	Color/Grayscale: 100/150/200/240/300 dpi Bitonal: 200/240/300/400 dpi
Maximum Document Size	30.5 cm x 66.04 cm (12 in. x 26 in.)
Minimum Document Size	64 mm x 64 mm (2.5 in. x 2.5 in.)
Paper Thickness and Weight	With Standard feeder: 12# (45 g/m <sup>2</sup> ) bond to 110# (200 g/m <sup>2</sup> ) index With Ultra-Lightweight feeder accessory: 7# (25 g/m <sup>2</sup> ) rice paper to 20# (75 g/m <sup>2</sup> ) bond
Feeder/Elevator	500-sheet elevator-design automatic document feeder with two settings: continuous feed and full 500-sheet batch
Multi-feed Detection	New and improved Ultrasonic Document Detection utilizing three sensors plus Document Length Detection
Connectivity	IEEE-1394 (FIREWIRE) Interface, 6-pin connector IEEE-1394 card & cable included
Interface Support	TWAIN and ISIS drivers (included); KODAK Capture Software; VIRTUALReSCAN (VRS)
Imaging Features (in the scanner)	Perfect Page Scanning with iThresholding, Autocrop, Aggressive Crop, Deskew, Electronic Color Dropout, Orthogonal Rotation, Error Diffusion, Halftone Removal, Noise Removal
On-board Compression	CCITT Group IV; JPEG or uncompressed output
File Format Outputs	JPEG (for color and grayscale images); TIFF (for bitonal images)
Warranty (US and Canada)	90 days on-site
Electrical Requirements	100-240 V; 50-60Hz
Environmental Factors	ENERGY STAR qualified scanners D.O.E. Executive Order 13221 Compliant Section 508 Compliant Mercury-free Xenon lamps Operating temperature: 15-35° C (59-95° F) Operating humidity: 15% to 76% RH
Acoustical Noise	≤ 61 dB(A) Lwa (operating); ≤ 42 dB(A) Lwa (idle)
Recommended PC Configuration	PENTIUM IV 2.4 GHz processor with 512 MB RAM
Supported Operating Systems	WINDOWS 98SE, Me, 2000, XP
Approvals and Product Certifications	AS/NZS 3548 Class A (C-Tick Mark), CAN/CSA-C22.2 No. 60950 (C-UL Mark), Canada ICES - 003 Issue 3 (Class A), GB4943, GB9254 (Class A), GB 17625.1 Harmonics, (CCC "S&E" Mark), EN 55022 ITE Emissions (Class B), EN 61000-3-2, Powerline Harmonics, EN 61000-3-3 Flicker, EN 55024 ITE Immunity, (CE Mark), EN 60950 (TUV GS Mark), IEC 60950, CISPR 22 Class B, VCCI (Class A), CNS 13438 (Class A), (BSMI Mark), UL 60950 (UL Mark), CFR 47 Part 15 Subpart B (FCC Class A)

\*ppm (pages per minute)

\*\*ipm (images per minute) speeds based on simultaneous output of four compressed images for each document scanned—color/bitonal or grayscale/bitonal.

Specifications subject to change without notice.

Made in U.S.A.: Designed and manufactured by Kodak.

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