Kodak i600 Series Scanners

Recommended Daily Volume	i610/i620 up to 80,000 pages per day i640 up to 100,000 pages per day i660 up to 120,000 pages per day
Throughput Speeds (200 dpi, landscape, letter size documents) ppm=pages per minute, ipm=images per minute	i610*/i620 80 ppm (up to 320 ipm**) i640 100 ppm (up to 400 ipm) i660 120 ppm (up to 480 ipm) (Throughput speeds may vary depending on your choice of application software, operating system and PC.)
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 long-life Xenon lamps per side, mercury-free
Output Resolution	Color*/Grayscale: 100/150/200/240/300 dpi; Bitonal: 200/240/300/400 dpi
Maximum Document Size	305 mm x 863 mm (12 in. x 34 in.)
Minimum Document Size	64 mm x 64 mm (2.5 in. x 2.5 in.)
Paper Thickness and Weight	With Standard feeder: 45 g/m² (12 lb.) bond to 200 g/m² (110 lb.) index With Ultra-Lightweight feeder accessory: 25 g/m² (7 lb.) rice paper to 75 g/m² (20 lb.) bond
Automatic Feeder/Elevator	500-sheet elevator-design document feeder with four settings: continuous feed, 100-sheet, 250-sheet and full 500-sheet batches
Multi-Feed Detection	3-D multi-feed detection with ultrasonic technology; three ultrasonic sensors that can work together or independently
Connectivity	IEEE-1394 (**FireWire**) Interface, 6-pin connector; IEEE-1394 card and cable included
Interface Support	**TWAIN** and **ISIS** drivers (included); **Kodak** Capture Software, VRS Ready
Imaging Features (in the scanner)	Perfect Page Scanning, automatic color detection, autocrop, aggressive crop, deskew, electronic color dropout, dual stream scanning, orthogonal rotation, error diffusion, halftone removal, noise removal, toggle patch
On-Board Compression	CCITT Group IV; JPEG or uncompressed output
Available File Format Outputs	JPEG (for color* and grayscale images); TIFF (for bitonal images)
Warranty (U.S. and Canada)	90 days on-site
Imprinting	Front pre-scan imprinting
Electrical Requirements	100-240 V, 50/60 Hz
Power Consumption	178.4 watts maximum
Environmental Factors	**Energy Star** qualified scanners; D.O.C. Executive Order 13221 Compliant, Section 508 Compliant; Mercury-free Xenon lamps; operating temperature: 15–35°C (59–95°F); operating humidity: 15 percent to 76 percent RH
Acoustical Noise (operator position sound pressure level)	Standby mode: <42 dB(A) Operating mode: <61 dB(A)
Recommended PC configuration	**Pentium 4** 2.4 GHz processor with 512 MB RAM
Supported Operating Systems	**Windows 2000** SP4, **Windows XP** SP2, **Windows Vista** (32-bit)
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)
Consumables Available	Feeder consumables kit, extra-large feeder consumables kit, imaging guide set, high-capacity printer ink cartridge and carrier, transport cleaning sheets, roller cleaning pads, printer ink blotters, **Staticide** Wipes, calibration targets, black imaging background
Accessories/Options	Ultra-lightweight feed module; White imaging background; Manual feeder; Short document tray
Dimensions	Height: 40 cm (15.7 in.) Width: 61 cm (23.9 in.) Depth: 77 cm (30.3 in.) Weight: 38.6 kg (85 lbs.)

* the i610 model does not scan in color **ipm speeds based on dual stream output of four compressed images for each document scanned—bitonal and color or bitonal and grayscale

To learn more:
www.kodak.com/go/i600

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As an **Energy Star**® Partner, Eastman Kodak Company has determined that these products meet **Energy Star**® guidelines for energy efficiency.

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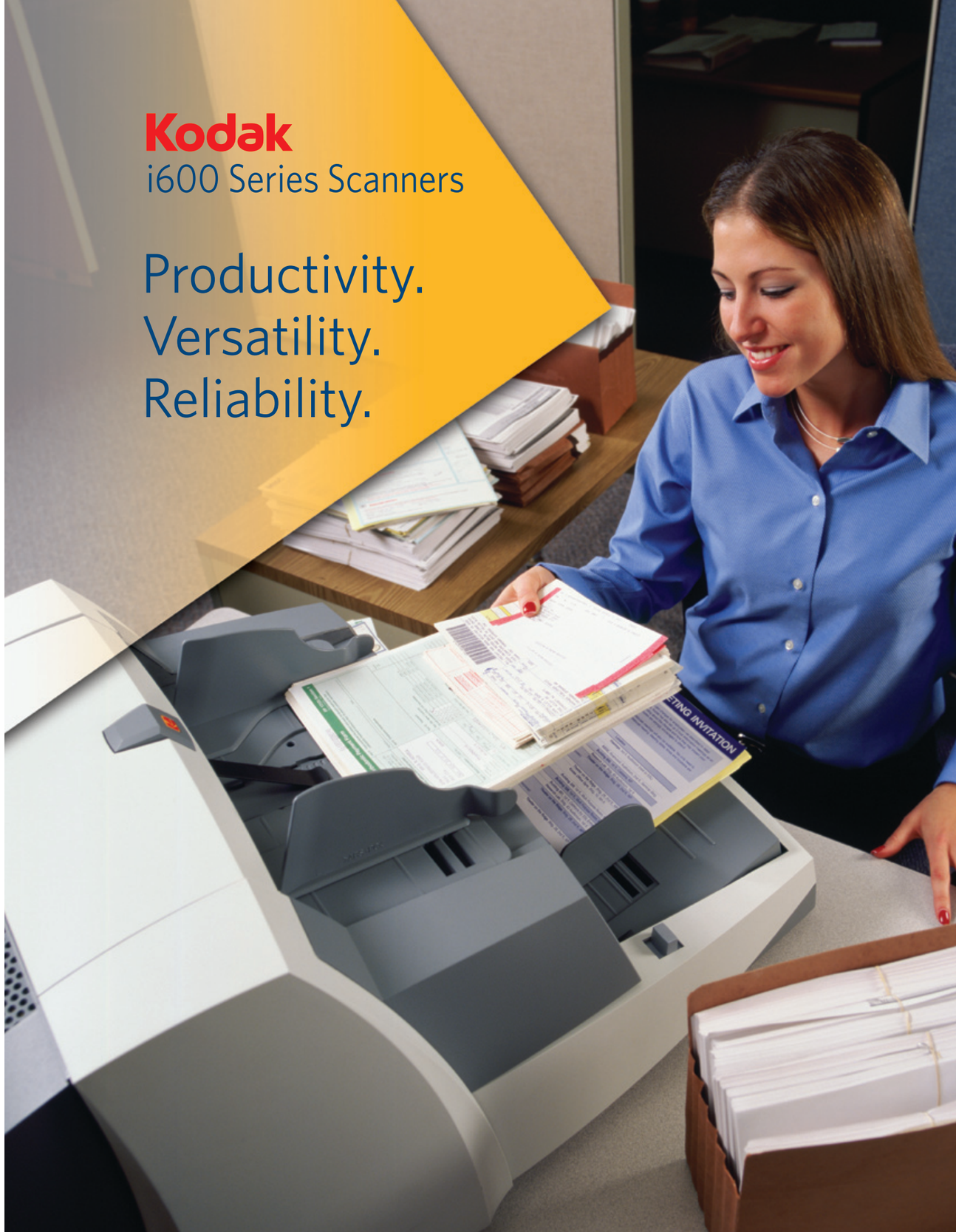


Easy on your operators, and your bottom line

The award-winning **Kodak** i600 Series Scanners take scanner performance to the next level with innovations like SurePath paper handling, Perfect Page Scanning, three independent ultrasonic multi-feed detection sensors, automatic color detection and much more. All at a price that puts high performance and value within your reach and gives you a competitive edge.

Productivity

Our exclusive paper feeding technology easily handles documents of different sizes, weights and types to deliver high productivity. And our advanced image processing delivers consistently high image quality, which reduces the need for rescans.

Versatility

Kodak i600 Series Scanners include virtually every feature you'll need. Color, bitonal and grayscale imaging. Automatic color detection. Electronic color dropout. Pre-scan document imprinting. Fast IEEE-1394 (**FireWire**) connectivity. Improved ultrasonic multi-feed detection. And more!

In addition, versatility can be added in with our convenient upgrade path. You can add speed and/or color scanning as your needs change, right on your site!

Reliability

Our robust paper feeding combined with our exceptional image quality allow you to zip through the most challenging workloads, day after day.

Plus **Kodak** Service & Support, with an experienced team of experts available online and on-site, is just a phone call away to help maximize your uptime.

SurePath paper handling enables virtually uninterrupted workflow

Meeting demanding production schedules requires a combination of unique features that lets you scan just about any document—from delicate onionskin to heavy cardstock, and even crumpled originals—with speed and accuracy that keep productivity up and operating costs down. The **Kodak** i600 Series Scanners are packed with features and benefits.

What you want, when you want it:
— scan all your documents
— variety of speed, color and paper handling options
— multiple paper feeding methods

Advanced imaging path design:
— sealed camera minimizes dust
— removable imaging guides
— dual long-life Xenon lamps per side

The operator-adjustable elevator handles batches up to 500 sheets and can be set for variable batch sizes; an optional manual feeder is available for single-sheet feeding.

Our renowned automatic document feeder handles mixed paper sizes and weights, and adjusts to enable left, center or right feeding.

Robust paper handling and virtually jam-free operation speed documents under control all the way to the output tray. Lockable paper-feeding guides on the input tray also help control imprinting location.

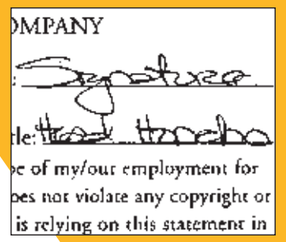
Sturdy design and performance give you high reliability, and **Kodak** Service & Support helps ensure maximum uptime.

Advanced image processing. Innovation that means business.

Our built-in image processing technology minimizes presorting and post-image processing while it captures high workloads of mixed documents at full rated speed. The result is a more efficient front-end on-ramp to your information highway.

Perfect Page Scanning:

- Delivers exceptional image quality, even on challenging low-resolution documents—with readability as good as or better than the original
- Produces deskewed images, excellent OCR/ICR read rates and, in many cases, smaller file sizes



Automatic image rotation at full rated speed

Allows you to scan in landscape mode for maximum throughput and deliver images in portrait mode.

Choose from five image output options:

- Bitonal
- Color
- Grayscale
- Dual stream: bitonal and color
- Dual stream: bitonal and grayscale

With dual stream output, you can get up to an astounding 480 high-quality images per minute.

Electronic color dropout

Enhances forms processing applications by allowing the scanner to ignore irrelevant background color and capture only the information you need.

Automatic color detection

Allows your scanner to automatically scan in color when it senses that the color content of specific documents within a batch is above a set threshold. (With the i610 Scanner, this feature can be used to capture color documents and photos and save them as grayscale images.) Based on the threshold you set, *your scanner* determines when to scan in color.

Toggle patch

Allows your scanner to automatically switch "on the fly" between bitonal and color/grayscale scanning. By using toggle patches for a set of documents within a batch, *you* determine when to scan in color (as opposed to automatic color detection).