



KIP 2300 High Production CCD Scanner

■ INCREDIBLE VERSATILITY ■ MAXIMUM PRODUCTIVITY ■ OUTSTANDING IMAGE QUALITY



KIP 2300 HIGH PRODUCTION CCD SCANNER

2300 Mono / Color Scanner

The KIP 2300 high productivity scanner sets a uniquely high standard for speed; quality and flexibility in a digital image capture system. The KIP 2300 is a high speed scan solution that provides world-class workflow flexibility. Best in class productivity is achieved by a combination of advanced camera based image capture and New KIP Tru•Speed Technology for high speed data throughput with no system pauses or slow downs.

Outstanding image quality is delivered through the innovative use of bright white LED light sources for illumination and 600 x 600 dpi image capture resolution.

The KIP 2300 monochrome & color scanner provides high demand users with the highest standards of image quality, versatility and productivity.

The KIP 2300 scanners unique product design allows users to capture, archive, print and share monochrome and full color images at high speeds with either face up or face down document feeding for maximum productivity. In addition to the advanced dual document feed system the KIP 2300 features the following technological advancements:

The KIP 2300 production scan system is a high resolution, high speed solution that provides enhanced monochrome imaging and world-class color scan quality embodied in an exceptionally versatile and ergonomic design, ideal for both centralized and decentralized environments.

Key Features

- Direct connection support for multiple KIP 7700, 7900 and 9900 printer series as well as optional direct copying to inkjet printers.
- Rigid /thick stock support with automatic tension adjustment and front document assist tray. User selectable scanning modes – standard or production.
- High speed data transfer featuring KIP Tru-Speed technology.
- Three independent tri-linear CCD imaging cameras with an advanced single lens design
- Automatic imaging camera and integrated white balance calibration
- Distinctive white LED original illumination system for consistent image capture
- Visual operator feedback system for stream-scanning monochrome or color images.
- Instant on- no warm up necessary
- Substantially built, rugged design with low maintenance operation
- Extended warranty covering KIP optical system
- Energy Star 2009 Compliancy



KIP 2300 SYSTEM VERSATILITY



Face up / Face Down Flexibility

The KIP 2300 Color Scanner is designed with dual integrated document feed sections to satisfy both face up and face down scanning workflow preferences. The upper scan unit accepts face up documents for high speed scanning and delivers them back to the operator. The lower scan unit provides operators with the ability to stream feed originals for stream scanning jobs and to effectively scan thick originals, such as originals mounted on Sintra, foam core and other substrates

Automatic Standard Mode

The KIP 2300 scan system can be placed in Automatic Standard Mode for both copying and scanning applications. The KIP 2300 detects the paper size and selects the nearest standard architectural or engineering sheet size to scan to.

Manual Production Mode

The KIP 2300 scan system can be placed in Manual Production Mode for scanning applications. The operator designates a standard sheet size prior to scanning, and then stream feeds originals using the visual feedback green light on the scanner's feed board.

Board Scanning

The KIP 2300 provides the ultimate ease of use functionality for scanning rigid and thick documents. This 2300 feature is the ideal application for scanning of legal documents, maps, posters and booklets that require manual adjustments on competitive scanners. By placing the 2300 scanner in "automatic board mode", operators scan documents up to .6" thick.

The 2300 detects the document thickness and automatically accommodates the document surface press unit for distortion-free feeding of thick originals with minimal operator intervention. The easily installed front document assist tray extends out over 12 inches to help support thick document feeding while the rear original tray adjusts to accommodate thick originals with one simple height adjustment by the operator

Key Features

- Ideal for High Demand Environments
- Handles thick, rigid documents
- Rear stacking system for stream scanning
- Flexible document versatility
- Walk-up copy ease of use

Multiple Printer Support

The KIP 2300 Color Scanner provides software based scan-to-print support for all KIP digital printers including the KIP Color 80.

In addition, the KIP 2300 may produce monochrome or color copies to an inkjet printer of the users choice.

Advanced Imaging Design

The KIP 2300 Scanner employs highly advanced monochrome/ color imaging technology to deliver maximum image clarity that is superior to other wide format monochrome/color scanners, including previous KIP models.

The extraordinary level of image quality achieved with the KIP 2300 scanner is made possible by a number of factors including:

- Three tri-linear CCD imaging cameras with an advanced single focal lens design
- Single lens design ensures proper camera convergence and the highest fidelity images
- Auto CCD and White Balance calibration
- Ensures proper image alignment and eliminates the need for time consuming manual calibration
- A unique LED original illumination system provides greater intensity & instant start up
- LED illumination uses less power while providing greater reliability consistent illumination
- User selectable scan modes
- Self-calibrating maintenance systems



KIP 2300 PRODUCTIVITY & QUALITY

Production Imaging

The KIP 2300 scanner is a professional grade mono/color copy & scan solution that provides high demand users with the ultimate in imaging technology.

World-Class Image Quality

KIP 2300 imaging technologies create crisp black and white prints, copies and scans of technical drawings, photographs, maps and renderings. An advanced grayscale mode is ideal for accurate photo reproductions.

The KIP 2300 Scanner provides high demand users with outstanding color fidelity without sacrificing speed or resolution! Compatible with monochrome KIP and color inkjet printers, the KIP 2300 provides scan to file and copy image quality that is far beyond the capability of any competing system.

KIP Tru•Speed Technology

KIP Tru•Speed scanning provides data transfer rates of 2.3GB per second, ensuring high productivity for the most complex full color documents. Originals are imaged at maximum speed with no delays or pauses, as found in competitive scanning systems. KIP Tru•Speed scanning delivers full color, high speed imaging for the most demanding production environments.

Visual Operator Feedback System

The KIP 2300 Scanner utilizes a simple lighting system which provides the operator with visual feedback during the scanning process. When initiated, the easily noticeable “green light” feedback indicator above the middle of both the face up and face down feed sections prompt the operator to insert the next original.

Operators can sit comfortably in front of the KIP 2300 and stream scan with one visual point of reference – the green light illuminates when the next original may be scanned. This system is extremely useful in reducing operator fatigue during production scanning as there is little need to monitor exiting document for feedback.

KIP CPS Center Applications

The included KIP CPS Center software is an easy to use suite of applications suitable for both simple and advanced copy, print and scan functions. This software suite is designed to streamline all imaging functions in high demand environments by providing easy access to all monochrome and color features while minimizing operator effort related to tasks such as image naming and digital file management.



For use with dual footprint KIP system configurations, KIP CPS Center applications are designed to operate on a dedicated PC workstation to provide complete control of all copying and scanning tasks. In addition, the KIP CPS Center applications give users the ability to manage the print queue, monitor system status and perform monochrome printing operations.

KIP CPS Center applications provide total control of the copying, printing and scanning process. The software supports a wide range of inkjet printers, enabling multiple configuration possibilities to create an optimized workflow solution. This approach ensures flexibility for future system upgrades and capability expansions.



KIP 2300 Key Features

- Ultra fast imaging with KIP Tru-Speed technology
- Dual feed flexibility-face up or face down scanning
- 24 bit RGB true color image capture
- Thick/mounted stock support with integrated document support system
- Visual operator feedback system for productive stream-scanning
- Extended optical system warranty

Mono/Color Imaging Key Features

- Mono scan speeds up to 12" per second!
- Color scan speeds up to 6" per second!
- High resolution, 24-Bit color image quality
- Advanced KIP imaging technologies deliver superior results
- Copy & print directly to inkjet printers or create color digital files
- Easy system calibration process ensures color copy, print & scan accuracy
- Increase system functionality with optional KIP Color Pro software

KIP 2300 Mono Scan Speed

DPI	Monochrome Scan Speed	
600 x 600	5" / sec	25' / min
400 x 400	7.5" / sec	37.5' / min
300 x 300	10" / sec	50' / min
200 x 200	12" / sec	60' / min

KIP 2300 Color Scan Speed

DPI	Color Scan Speed	
600 x 600	2" / sec	10' / min
400 x 400	3" / sec	15' / min
300 x 300	4" / sec	20' / min
200 x 200	6" / sec	30' / min



KIP Tru•Speed Technology boasts superior transmission rates of up to 2.38 Gbits/s, ensuring the scanner hardware operates at full speed with no delay times due to data transfer.

KIP Color Pro Software

This powerful software package delivers advanced copying and scanning features and also includes the ability to RIP files to print. Users may print in monochrome or color to multiple printers, ensuring speed, flexibility and accurate production of high-quality color copies.



KIP Color Pro Imaging Features

- Custom Quality Filters
- Image Editor
- Image Deskew
- Image Despeckle
- Image Nesting
- Area Crop
- Wipeout / Mask
- Paneling
- Color Management
- Print to Inkjet (RIP)
- Print Collated Color Sets
- Scan to E-mail



Optional KIP Color Pro provides advanced copying, scanning and printing of all monochrome and color documents.



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