

SCANNERS  
PRINTERS  
SOFTWARE  
SERVICES

**IDEAL.com**

Large Format Imaging Solutions

# IDEAL/Contex

## TOUCAN G25

### Energy Efficient Color Scanners

Basic model: 25" wide, 1200 DPI, scans 0.5 IPS in color and 4.0 IPS in monochrome, color scanner

Plus model: 25" wide, 9600 DPI, scans 1.5 IPS in color and 4.0 IPS in monochrome, color scanner



#### APPLICATIONS

The IDEAL/Contex TOUCAN G25 Color Scanners are versatile scanners that create images in photo-realistic color for Sign Shops, Pre-press, Copy Shop, POP and Display markets using large format color graphics. The IDEAL/Contex TOUCAN G25 are wide format color scanners at an affordable price that are programmable for scanning, copying, and emailing directly from the scanner. These color scanners can be used for scan to print, color classification for vectorization, storage, retrieval, conversion to CAD,

and populating an online planroom. They can efficiently rasterize drawings up to 25" wide (D-Size) by any length on media up to 0.6" thick. These scanners come with WIDEmail software for emailing scanned (and compressed) image files. The IDEAL/Contex TOUCAN G25 Color Scanners can be used stand-alone or as an integrated component of a customized solution. These scanners are Energy Star and RoHS Compliant.

#### FEATURES

- Energy Star Compliant
- 25" Wide Image Area
- Front-loading Increasing Productivity
- Handles Media up to 0.6" Thick
- All-Wheel-Drive with contour adjustment
- FireWire and USB2 Connectivity
- Automatic Camera Alignment
- Accuracy Lens Enhancement Technology
- Programmable Buttons for Scanning, Copying, & Emailing

#### COLOR ACCURACY

The IDEAL/Contex TOUCAN G25 Color Scanners create images in photo realistic colors, high quality grayscale, and crisp, clear black and white. Color is captured at 48 bits for maximum color precision, passing the best 24 bits of color data to the computer. The IDEAL/Contex TOUCAN G25 Scanners also supports 256 gray shades. The gray shades are captured at 16 bits for maximum precision, passing the best 8 bits of gray shade data to the computer. The IDEAL/Contex TOUCAN G25 Scanners include a thirty-day timed out version of JETimage<sup>NET</sup>. This copier interface takes advantage of the scanners Dual 2-D Adaptive enhancement features with Area Diffusion Logic and Error Diffusion Half-toning which allows documents containing mixed photographic and line-art (including text) areas to be captured with greater detail. JETimage<sup>NET</sup> also has advanced scan to print features that support advanced layout options such as paneling, tiling, and nesting of printed output as well as tracking capability of paper and copying usage. These new scanners incorporate the 3C Auto-Maintenance system that keeps the cameras perfectly aligned, adjusted, and calibrated for optimal image quality. The 3C Auto-Maintenance system aligns and stitches the cameras to a fraction of a pixel giving the highest wide format image precision available.

#### ACCURACY LENS ENHANCEMENT TECHNOLOGY

The IDEAL/Contex TOUCAN G25 Color Scanners use Accuracy Lens Enhancement Technology (ALE) that electronically maintains 0.1% +/-1 pixel precision across any two points of the scan line thus exceeding even the most rigid requirements. With these scanners there is a very high grade of precision stability in the scanned image.

#### HIGH PERFORMANCE SCANNING

The IDEAL/Contex TOUCAN G25 Color Scanners have variable resolution settings from 50 to 1200 for the Basic Model and 50 to 9600 dpi for the Plus Model, selectable in one dpi increments to match user requirements. The Plus Model scanner can scan a typical D-Size monochrome original at 4.0" per second at 400 dpi turbo and a color original at 1.5" per second at 400 dpi turbo. For scan-to-file applications, the IDEAL/Contex TOUCAN G25 Scanners require ScanOS, scanning and single field indexing software, or WIDImage<sup>NET</sup>, operating software for scanning. The scanned raster images obtained from the IDEAL/Contex TOUCAN G25 Scanners can be edited in raster or converted to DXF vector files with Wiselimage, an optional software package available from IDEAL. The IDEAL/Contex TOUCAN G25 Scanners support FireWire and USB2 Connectivity. With USB connectivity, a company can share the scanner between users and computers without installing extra hardware.

#### SCAN, INDEX, AND EDIT

The IDEAL/Contex TOUCAN G25 Scanners support color and monochrome scanning applications. ScanOS provides single-field indexing for every document scanned, and automatically generates the filename, time & date, and the computer operator's name to the database record. ScanOS stores drawings and index data in an ODBC compliant archive in many formats including PDF, TIFF, JPEG, and BMP. Edit drawings in raster with the same ease as editing a CAD file using Wiselimage, an optional intelligent raster editing software package from IDEAL. Wiselimage is a powerful drawing editor that performs raster to vector conversion and OCR.

#### SCAN, SHARE, AND PRINT

Provide instant network access of scanned drawings with IDEAL ArchiveCenter for Workgroups. Archive large format drawings on a company intranet or a secure, password protected internet with IDEAL ArchiveCenter for Enterprise. Search, retrieve, view, and print large format drawings using only a standard web browser. ArchiveCenter can be upgraded to IDEAL Online PlanRoom for bid management, project management, and ordering drawings.

Looking to turn your inkjet into a digital copier? Scan large format color originals with heavy detail and print them out to any inkjet plotter without losing any details. The IDEAL/Contex TOUCAN G25 Scanners are the perfect front-end to any Windows-based inkjet plotter. Use the optional Copy Kit to mount your PC and touch screen directly on the scanner for a convenient scan to print system.

#### NEED HELP DECIDING?

An IDEAL sales representative can help you decide which solution provides you with the best value for your needs. Call IDEAL at 1-888-524-3325 or email sales@ideal.com.

# IDEAL/Contex TOUCAN G25 Color Scanner Specifications

Basic Plus

		Basic	Plus
<b>Maximum Resolution:</b>	(in dpi)	1200	9600
<b>Optical Resolution:</b>	(in dpi)	424	424
<b>Scan Accuracy:</b>	0.1% +/- 1 pixel	●	●
<b>Variable Resolution Setting:</b>	from 50 dpi in one dpi increments	●	●
<b>Scan Speed:</b>	400dpi Turbo, 24 bit RGB scans	0.5"/s	1.5"/s
<b>Scan Speed:</b>	400dpi Turbo, 8 bit Index color scans	1.5"/s	1.5"/s
<b>Scan Speed:</b>	400dpi Turbo, Graytone and B/W scans	4.0"/s	4.0"/s
<b>Media Maximum Width:</b>	28" (711mm)	●	●
<b>Media Maximum Thickness:</b>	0.6" ( 15mm)	●	●
<b>Scan Width:</b>	25" (635mm)	●	●
<b>Digital Image Processing:</b>	Dual 2D-Adaptive Enhancement	●	●
	Dual 2D-Adaptive Gray	●	●
	ADL+ Error Diffusion Halftoning	●	●
	2D-Sharpening/2D-Softening/2D-Blur Filter	●	●
	Color Feature Extraction	●	●
<b>Scan Modes:</b>	2D-Adaptive Thresholding	●	●
	24-bit color, 8 bit Feature Extraction/indexed color	●	●
	8 bit graytone mode with 256 gray levels	●	●
	Copy modes with grayshades	●	●
	B/W Dual 2D-Adaptive mode	●	●
<b>Color Adjustment:</b>	1 bit black-and-white	●	●
	3x3 matrix multiplier	●	●
	Independent RGB tone curves (Gamma)	●	●
	Independent black-and-white point setting	●	●
<b>Color space:</b>	NTSC	●	●
	sRGB	●	●
<b>3C Auto-Maintenance System:</b>	Basic Calibration	●	●
	Precision Color Calibration	●	●
	Auto monitoring and correction (stitching, black-and-white point)	●	●
<b>Sensors:</b>	Single tri-linear color CCD	●	●
	32,000 pixels (RGB triplets)	●	●
	48 bits of color data capture	●	●
	16 bits of graytone data capture	●	●
	All-Digital cameras	●	●
<b>One Touch Scanning:</b>	Scan, copy, email	●	●
<b>Advanced Power Management:</b>	Temperature Control	●	●
	Low Power Mode	●	●
	Programmable power up timer	●	●
<b>All-Wheel-drive:</b>	Precision rollers & contour adjustment	●	●
<b>Light source:</b>	Color matched fluorescent lamps CRI>95	●	●
<b>Interface:</b>	USB2	●	●
	FireWire	●	●
	STI (Still Image Interface), WIA (Windows Image Acquisition)	●	●
<b>Dimensions:</b>	38.3" wide, x 7.3" high x 18.3" deep	●	●
<b>Weight:</b>	88.18 lbs (40 kg); 107 lbs shipping	●	●
<b>Power:</b>	110/220/240V, 60/50cs, 180W	●	●
<b>WIDEsystem Kit (included):</b>	Drivers, Scan2Net, Maintenance software, Maintenance sheet	●	●
<b>Optional:</b>	Stand with Document Basket, Thick Media Support Table, Copy Kit to mount Touch Screen & PC advanced Scan to Print software, Touch Screen, WiselImage, Online PlanRoom, JETimage <sup>NET</sup> , WIDEimage <sup>NET</sup> , ArchiveCenter for Workgroups, ArchiveCenter for Enterprise, ScanOS	●	●
		●	●
		●	●
		●	●
<b>Platforms Supported:</b>	Windows and Power Macintosh	●	●