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Large Format Imaging Solutions

IDEAL/Contex

PREMIER G600

Monochrome Scanners

Basic model: 42" wide, 1200 DPI, scans 6.0 IPS, monochrome scanner

Plus model: 42" wide, 9600 DPI, scans 12.0 IPS, monochrome scanner

APPLICATIONS

The IDEAL/Contex PREMIER G600 Monochrome Scanners are designed to introduce professionals in the CAD, A/E/C, GIS, In-House Repro, and Document Archive markets to wide format document scanners at affordable prices that are adaptable to various scanning needs. The IDEAL/Contex PREMIER G600 Scanners can be used for vectorization, storage, retrieval, conversion to CAD, populating an online planroom, and scan-to-print. These scanners can efficiently rasterize drawings up to 42" wide (E-Size) by any length on media up to 0.6" thick. The IDEAL/Contex PREMIER G600 Scanners can be used stand-alone or as an integrated component of a customized solution. These scanners are Energy Star and RoHS compliant.

MONOCHROME ACCURACY

The IDEAL/Contex PREMIER G600 Scanners support 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. These scanners are front-loading, and scan with unparalleled accuracy, +/- 0.1% in both the X and Y-axis to ensure the most accurate scan possible. The IDEAL/Contex PREMIER Scanners include a thirty-day timed out version of JETimage^{NET}. 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^{NET} 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. This new scanner incorporates 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 PREMIER G600 Monochrome 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 PREMIER G600 Scanners have variable resolution settings from 50 to 1200 dpi 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 E-Size monochrome original at 12.0" per second at 400 dpi turbo. For scan-to-file applications, The IDEAL/Contex PREMIER G600 Scanners require IDEAL's ScanOS for scanning and indexing, or WIDEimage^{NET}, the operating software for scanning. The scanned raster images obtained from the IDEAL/Contex PREMIER G600 Scanners can be edited in raster or converted to DXF vector files with WiselImage, an optional software package from IDEAL. The IDEAL/Contex PREMIER G600 Scanners support FireWire and USB2 connectivity.

SCAN, INDEX, AND EDIT

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 monochrome originals with heavy detail and print them out to any inkjet plotter without losing any details. The IDEAL/Contex PREMIER G600 Scanners are the perfect front-end to any Windows-based laser, thermal inkjet, or electrostatic printers and plotters. 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 what solution provides you with the best value for your needs. Call IDEAL at 1-888-524-3325 or email sales@ideal.com.



FEATURES

- Energy Star Compliant
- 42" Wide Image Area
- Front-loading Increasing Productivity
- Handles Media up to 0.6" Thick
- Automatic Camera Alignment
- All-Wheel-Drive with contour adjustment
- FireWire and USB2 connectivity
- Accuracy Lens Enhancement Technology

PREMIER G600 Monochrome Scanner Specifications

Basic Plus

		Basic	Plus
Maximum Resolution:	(in dpi)	1200	9600
Optical Resolution:	(in dpi)	600	600
Scan Accuracy:	0.1% +- 1 pixel	●	●
Variable Resolution Setting:	from 50 dpi in one dpi increments	●	●
Scan Speed:	400 dpi Turbo, 24 bit RGB scans	-	-
Scan Speed:	400 dpi Turbo, 8 bit Index color scans	-	-
Scan Speed:	400 dpi Turbo, B/W scans	6.0"/s	12.0"/s
Media Maximim Width:	43"	●	●
Media Maximum Thickness:	0.6"	●	●
Scan Width:	42"	●	●
Digital Image Processing:	Dual 2D-Adaptive Enhancement	●	●
	Dual 2D-Adaptive Gray	●	●
	ADL+ Error Diffusion Halftoning	●	●
	2D-Sharpeneing/2D-Softening/2D-Blur Filter	●	●
Scan Modes:	2D-Adaptive Thresholding	●	●
	8 bit graytone mode with 256 gray levels	●	●
	Copy modes with grayshades	●	●
	B/W Dual 2D-Adaptive mode	●	●
3C Auto-Maintenance System:	1 bit black-and-white	●	●
	Auto-alignment to a fraction of a pixel	●	●
	Auto-stitching to a fraction of a pixel	●	●
	Basic Calibration	●	●
Sensors:	Auto monitoring and correction (stitching, black-and-white point)	●	●
	Triple Panchromatic BW CCDs	●	●
	22,5000 pixels	●	●
	16 bits of graytone data capture	●	●
One Touch Scanning:	All-Digital cameras	●	●
	Scan, copy, email	●	●
	Advanced Power Management:	●	●
	Temperature Control	●	●
All-Wheel-drive:	Low Power Mode	●	●
	Programmable power up timer	●	●
Light source:	Precision rollers & contour adjustment	●	●
Optics:	Color matched fluorescent lamps	●	●
Interface:	Torsion stabilized for portability	●	●
	FireWire	●	●
	USB2	●	●
Dimensions:	STI (Still Image Interface), WIA (Windows Image Acquisition)	●	●
	52.9" w x 7.3" h x 18.3" d (1342 x 185 x 465 mm.), 125.6 lbs, 57 kg	●	●
Power:	110/220/240V, 60/50cs, 180W	●	●
WIDeSystem Kit (included):	Drivers, Scan2Net, Maintenance software, Maintenance sheet	●	●
Requires:	WIDEimage ^{NET} for Scan to File	●	●
Options:	IDEAL's ScanOS for scanning and indexing	●	●
	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 ^{NET} , WIDEimage ^{NET} ,	●	●
Platforms Supported:	ArchiveCenter for Workgroups, ArchiveCenter for Enterprise, ScanOS	●	●
	Windows and PowerMacintosh	●	●