

# Surveyor 600e



## One Touch Scanning

Immediately activate a scan and open the image in an appropriate application and format. The scanner comes with action buttons for scanning, copying and emailing and can be easily reconfigured for other tasks.



The Surveyor 600e scanner is  
**RoHS and Energy Star® Compliant**

**Maximize your business** with Surveyor 600e featuring our advanced technology and quality imaging for full color scanning and copying needs. The 42" imaging area handles large color posters, architectural sketches, detailed maps and drawings at the highest resolution and speed.

High Scanning Resolution at 600-dpi ensuring outstanding image quality. Automatic Thickness Adjustment Control (ATAC) allowing

scanning of up to 15 mm media thickness. Advanced 48-bit CCD Technology guaranteeing picture-perfect details. The All-Wheel-Drive Guide Plates cares for your originals and protects valuable documents.

- **Superior color and monochrome scanning speeds**
- **High durability and easy maintenance and calibration**
- **The most reliable wide format scanner on the market**

This professional scanner meets all your wide format scanning needs providing vibrant color and crisp black-and-white reproductions. Surveyor 600<sup>e</sup> sets new standards for wide-format scanning speeds in scanning a full E-size (A0) drawing.

## Image Enhancement Power

The Surveyor 600<sup>e</sup> contains advanced technology for color and monochrome enhancement. The patented B/W adaptive threshold works simultaneously on foreground, background, edges and other individual aspects of the original producing clean, crisp scans even from poor quality drawings. All processing is embedded in the hardware enabling you to perform powerful image enhancement without overhead and at speeds incomparable to standard software processing.

## RoHS Compliancy - Scanners for a Better Environment

The scanners meet the strictest directives for a better environment. The RoHS European Market directives define maximum levels for certain substances in products containing electronic components and set rules that help minimize problems caused by electrical waste materials.



# VIDAR Surveyor 600e

Specification		Base	Plus
Pixels:	90,000 pixels	✓	✓
Resolution*:	(in dpi)	600	600
Enhanced Resolution:	(in dpi)	1200	9600
Scan Accuracy:	0.1%+1pixel	✓	✓
Scanning Speed inch/sec:	(400 dpi turbo, 24-bit RGB)	0.6"/s	1.0"/s
	(400 dpi turbo, 8-bit Index)	3.0"/s	3.0"/s
	(400 dpi turbo, Graytone & B/W)	12.0"/s	12.0"/s
Scan & Media Width:	Max Scan Width: 42" (1066 mm) Max Media Width: 44" (1118 mm) unlimited scan length	✓	✓
Maximum Thickness:	0.6" (15 mm) Automatic Thickness Adjustment	✓	✓
Digital Image Processing:	Dual 2-D Adaptive Enhancement & Adaptive Gray	✓	✓
Embedded in Hardware:	Color Feature Extraction, ADL + Error Diffusion Halftoning	✓	✓
	2-D Sharpening, Softening , Blur Filter & Adaptive Thresholding	✓	✓
Scan Modes:	24-bit Color, 8-bit Feature Extraction/Indexed Color	✓	✓
	8-bit Graytone, Copy Modes with Grayshades	✓	✓
Color Adjustment:	1-bit B/W, B/W Dual 2D-Adaptive Modes	✓	✓
	3x3 Matrix Multiplier, Independent RGB Tone Curves (Gamma), Independent B/W Point Setting	✓	✓
Color Space:	NTSC, sRGB	✓	✓
Sensors:	Triple 4-linear CCDs (RGB Triplets+Panchromatic BW)	✓	✓
	48-bits Color Data Capture, 16-bits Graytone Data Capture, All Digital Cameras	✓	✓
Auto-Maintenance System	Auto Alignment, Stitching Monitoring & Correction, Basic & Precision Color Calibration	✓	✓
Interface:	FireWire, USB2, STI (Still Image Interface), WIA (Windows Image Acquisition) TWAIN	✓	✓
Weight/Dimension/Power:	60 kg / (ship) (63" L x 27" W x 18" H) (160 x 68 x 46 cm) / 110/220/240V, 60/50 cs, 180W	✓	✓
Power Management:	Temperature Control, Sleep Mode (Energy Star Compliant), Programmable Power-Up Timer	✓	✓
Floor Stand:	OPTIONAL (Document Basket Included with Floor Stand)	✓	✓
System Software:	Included: WIDEsystem TOOLS: Scanner Drivers, Maintenance & Utilities	✓	✓
Host Platforms:	Windows and Power Macintosh - see www.vidar.com for OS support details	✓	✓

VIDAR publication 0001Surveyor 600e 2006 © VIDAR Systems Corporation. VIDAR is a trademark of VIDAR Systems Corporation. Apple and Macintosh are trademarks of Apple computer, Inc. registered in the USA, and other countries. Microsoft, Windows are registered trademarks of Microsoft Corporation in the USA, and other countries. All other brand and product names are trademarks or registered trademarks of their respective companies. The information contained in this document is subject to change without notice. VIDAR makes no warranty of any kind with respect to this information. VIDAR specifically disclaims the implied warranty of merchantability and fitness for a particular purpose. VIDAR shall not be liable for any direct, indirect, incidental, consequential, or other damage alleged in connection with the furnishing or of this information. \*Optical Resolution.