

Atlas 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 Atlas 600^e scanner is
RoHS and **Energy Star®** Compliant

Maximize your business with Atlas 600^e

featuring our advanced technology and quality imaging for full color and monochrome scanning needs. The 36" 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. All-Wheel-Drive cares for your originals and protects valuable documents.

- Ultra fast color and monochrome scanning speed
- High durability and easy maintenance and calibration
- Scan to any format that fits your application
- Advanced 48-bit CCD Technology guaranteeing picture perfect details

This professional scanner meets all your wide-format scanning needs, producing vibrant color and crisp black-and-white reproductions. The Atlas 600^e sets new standards for wide format scanning speeds, scanning drawings at 12ips (inches per second) at 400 dpi turbo.

Image Enhancement Power

The Atlas 600^e contains advanced technology for color and monochrome enhancement. The patented B/W adaptive thresholding 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 Atlas 600e

Specification		Base	Plus
Pixels:	77,000 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)	1.5"/s	3.0"/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: 36" (914 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	✓	✓
	1-bit B/W, B/W Dual 2D-Adaptive Modes	✓	✓
Color Adjustment:	3x3 Matrix Multiplier, Independent RGB Tone Curves (Gamma), Independent B/W Point Setting	✓	✓
Color Space:	NTSC, sRGB	✓	✓
Sensors:	Double 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 (High Speed), 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	✓	✓

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