



Large Format Scanning for:

- > Mapping, Architect & Engineering Offices
- > CAD, AEC & GIS Professionals
- > Copy Shop Professionals

COUGAR G600

Maximize your business with **COUGAR G600** 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.

- > **Ultra fast color and monochrome scanning speed**
- > **Superior 48-bit color data capture**
- > **High durability and easy maintenance and calibration**
- > **Scan to any format that fits your application**

FEATURES: **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** feature help care for your originals and protect valuable documents.

The COUGAR G600 scanner is ENERGY STAR® and RoHS Compliant - key features that help protect the environment.



COUGAR G600

This professional scanner meets all your wide-format scanning needs producing vibrant colors and crisp black-and-whites. Ideal for scan-to-file applications. The COUGAR G600 sets new standards for wide-format scanning speeds, scanning drawings at 12 inches per second at 400 dpi turbo.

IMAGE ENHANCEMENT POWER

The COUGAR G600 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.

ONE TOUCH SCANNING

The COUGAR G600 operator's panel is designed with convenient programmable action buttons for initiating common tasks directly from the scanner. Each button immediately activates a scan and opens the image in an appropriate application and format. The scanner comes with action buttons for scanning, copying and e-mailing loaded originals and can be reconfigured for other tasks. Scanning has never been easier!

SPECIFICATIONS		BASE	PLUS
Pixels:	(in pixels)	77,000	77,000
Resolution:	(in dpi)	600	600
Enhanced Resolution:	(in dpi)	1200	9600
Scan Accuracy:	0.1%+1 pixel	✓	✓
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:	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:	57 kg / 52.9" W x 7.3" H x 18.3" D (1342 x 185 x 465 mm) / 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.context.com for OS support details	✓	✓

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