

*The world's first dual lens flatbed scanner*

*Dual lens scanner allows you to capture more detail with true optical resolution.*



### The First Dual Lens Flatbed Scanner

Gemini D-16 is the first flatbed scanner with revolutionary dual lens technology to extend true optical resolution. With the Gemini D-16, you can achieve a maximum hardware resolution of 800x1600 dpi. This extended resolution allows you to capture the most detail of any other flatbed scanner under \$10,000 - at a fraction of the price.

### The Power of the Dual Lens

A good analogy for the dual lens system is a camera having both standard and tele-photo lenses. When using the standard lens, the camera captures an image at normal resolution. When switching to the tele-photo lens, you can capture greater detail (*higher resolution*) in a smaller image area. Dual lens technology enables the charged couple device (CCD) to capture at a higher optical resolution than previous designs. This approach overcomes the current limitation of CCD technology.

### High Speed Scanning

Gemini D-16 boosts productivity. With its micro-stepping technology and high speed buffering, Gemini D-16 is

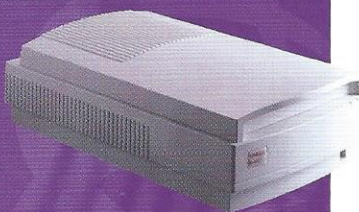
the fastest flatbed scanner available on the market today. A color preview takes a mere 3.5 seconds and a 400 dpi color scan for a letter-sized image takes only 20 seconds.

### Superb Image Quality

Gemini D-16 offers 800dpi optical horizontal resolution – *the highest in its class*. Together with its 30-bit color and excellent dynamic range, Gemini D-16 detects highlight and shadow details accurately for flawless reproduction of your images.

### Intelligent Scanner Driver

Gemini D-16 comes complete with MagicScan, the intelligent user-interface for scanning control. MagicScan is easy to use and loaded with powerful features, such as automatic selection between high resolution and standard lenses. MagicScan features batch scanning, unsharp masking, downloadable gamma curve correction, color balancing and descreening of printed material. MagicScan has been rated one of the best scanning software package – *Byte, August 1994 and Windows Magazine, November 1994.*



*The world's first dual lens flatbed scanner*

Scanning for high detail



◀ Hi-Resolution Lens

When a smaller image area is selected, Gemini D-16 switches to a hi-resolution lens, allowing it to capture more detail.

Scanning larger areas



◀ Standard Lens

When a larger image area is selected, the Gemini D-16 operates in normal mode using a standard resolution lens.

## FEATURES

- Dual Lens Technology**
- 800 x 1600dpi**
- Ultra View® Technology**
- 30-bit**
- Full Spectrum Cold Lamp**
- Micro-stepping Motor**
- Built-In SCSI Interface**
- Options**

## BENEFITS

- Offers the highest optical resolution of any flatbed scanner in its class.
- High hardware resolution for sharp, clear images.
- Interpolation to 9600x9600dpi for smoother enlargements.
- Over 1 billion accurate, vivid colors.
- Rich colors and longer life for your lamp.
- Coupled with a 1MB caching buffer gives you ultra fast throughput
- Easy connection to IBM PC, compatibles, and Macintosh.
- Transparency Adapter for slides, negatives, and transparencies.

## SPECIFICATIONS

<b>Hardware Resolutions</b>	400 x 800dpi; 800x1600dpi	
<b>Maximum Resolution</b>	9600 x 9600dpi with UltraView Technology	
<b>Maximum Document Size</b>	Reflective: 8.5"x 11.5" (@ 400x800dpi) 4.25"x 11.5" (@ 800x1600dpi)	Transparency: 8.5" x 10"
<b>Scanner Speed</b>	7 sec, preview (Native speed; actual speed may vary according to computer system.)	
<b>Input/Output Buffer</b>	1MB	
<b>Scanning Resolution</b>	1dpi to 9600dpi in 1dpi increments	
<b>Color Scanning Method</b>	Single-pass, color CCD	
<b>Scanning Modes</b>	<b>Color Mode:</b> 30-bits per pixel (internal & external)	<b>Halftone Mode:</b> 1-bit per pixel
	<b>Gray-Scale Mode:</b> 10-bits per pixel (internal & external)	<b>Lineart Mode:</b> 1-bit per pixel
<b>Scanner Settings</b>	<b>Scaling:</b> 1% to 400% in 1% increments	<b>Contrast/Brightness:</b> ± 100%
	<b>Halftone Mode:</b> 15 built-in patterns	<b>Highlight/Shadow:</b> 256 steps
<b>Hardware Interface</b>	Built-in SCSI-II interface / ASPI compliant	
<b>Software Interface</b>	Full TWAIN compatible & Plug-in for Macintosh	
<b>Power Requirements</b>	<b>Voltage:</b> 100-240 VAC	<b>Frequency:</b> 50/60Hz
<b>Consumption</b>	45W Maximum	
<b>Dimensions</b>	21.25" x 13.25" x 5.5"	
<b>Net weight</b>	20.2 lbs.	
<b>System Supported</b>	Macintosh, IBM PC and compatibles (Unix drivers available from 3rd party vendors)	

**GEMINI D-16  
EXTRA VALUE  
BUNDLES**

SCSI-II CARD FREE WITH PC BUNDLE!

### PRO-PLUS BUNDLE (PC or MAC)

Photoshop™ Full Image Editing Software  
Kai's Power Tools™ SE Special Effects Software  
Pixar Typestry™, Pixar 128™ Textures CD  
KPT Power Photos™ CD Sampler

### LE-PLUS BUNDLE (PC or MAC)

Photoshop™ LE Image Editing Software  
OmniPage™ Direct OCR Software  
Corel™ Professional Photos CD  
Microsoft® Home™ CD Sampler (PC only)

UMAX Products have won the following awards:



### UMAX Technologies, Inc.

3353 Gateway Boulevard  
Fremont, CA 94538  
Tel: 510-651-8883  
Fax: 510-651-8834  
Toll Free: 800-562-0311

Product Info Fax Back:  
510-651-3710

BBS# 510-651-2550

### UMAX Data Systems, Inc.

8F, 68, Nanking East Rd, Sec.3  
Taipei, Taiwan, ROC  
Tel: +886-2-517-0055, 517-0066  
Fax: +886-2-517-2017

### UMAX Systems GmbH

Grossenbaumer Weg 640472  
Dusseldorf, Germany  
Tel: +49-211-424062  
Fax: +49-211-425472