

Applications

**Graphic Arts, Publishing,
& Imaging**

AS1600™ Hi-res camera system

Scott A. Krig
Marketing Manager
Krig Research
P.O. Box 7327
Beaverton, OR 97007
USA
503-649-2621
503-591-9049 (fax)
scott@metheus.com

AS1600™ is a complete hi-resolution RGB color and monochrome camera system. The control electronics can be connected to the host by ETHERNET™, or by high-speed bus interface. The resolution is selectable up to 4416x3456 (*or higher, depending upon sensor selected). A lighting system is provided for both prints and negatives. The AS1600 can be configured with optical storage, data compression/decompression, and high-resolution display capabilities.

IRIX version compatibility:

Apunix B-size Thermal and Dye Sublimation Printer

Sylvia J. Berens
Vice President
Apunix Computer Services
9555 Chesapeake Drive
Suite 105
San Diego, CA 92123
USA
619-495-9229
619-495-9230 (fax)
sales@apunix.com
<http://www.apunix.com>

Apunix's B-size Thermal/Dye Sublimation Printer is the lowest cost large-format dye sublimation printer in the market. The ability to do low cost thermal prints and then switch the ribbon and do high quality dye sublimation prints make it also the most versatile printer in the market. It is perfect for color proofing and presentations. The printer includes Apunix's TruePrint™ software which allows users to print a variety of file formats.

The printer is well-suited for desktop publishing, graphics, and scientific imaging applications.

IRIX version compatibility:

Apunix Dye Sublimation Printer

Sylvia J. Berens
Vice President
Apunix Computer Services
9555 Chesapeake Drive
Suite 105
San Diego, CA 92123
USA
619-495-9229
619-495-9230 (fax)
sales@apunix.com
<http://www.apunix.com>

Apunix low-cost dye sublimation printer produces near photographic quality pictures. Each dot can be presented by 1 out of 16.7 million colors. The resolution is 300 dpi. Apunix has two models: one printer prints legal-sized images and the other prints B-sized images. Both print on paper and transparency. It attaches to the workstation via the parallel port.

The dye sublimation printer comes with Apunix's TruePrint software which permits users to print images out in a variety of file formats.

The printer is well-suited for desktop publishing, GIS and scientific imaging publications.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x

Apunix Film Printer

Sylvia J. Berens
Vice President
Apunix Computer Services
9555 Chesapeake Drive
Suite 105
San Diego, CA 92123
USA
619-495-9229
619-495-9230 (fax)
sales@apunix.com
<http://www.apunix.com>

The Apunix Film Printer allows users to make instant slides, overhead transparencies or prints at their workstation. This product is ideal for anyone who does presentations to customers, budget proposals, scientific presentations, or talks at conferences. Combined with a presentation package such as Adobe Illustrator, Corell Draw or similar packages, you can make truly professional quality presentations.

The film Printer comes standard with Apunix's TruePrint™ software package which allows users to print.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x

Graphic Arts, Publishing, & Imaging

Apunix Grayscale Scanners

Sylvia J. Berens
Vice President
Apunix Computer Services
9555 Chesapeake Drive
Suite 105
San Diego, CA 92123
USA
619-495-9229
619-495-9230 (fax)
sales@apunix.com
http://www.apunix.com

Apunix's Grayscale Scanner offers both 8 bit (256 level grayscale) and 1 bit (binary or halftone) scan modes. The scanners range from a low cost 600 dpi legal sized scanner with optional document feeder to a B sized 18 ppm scanner with a built-in document feeder to a B sized 40 ppm duplex scanner.

The scanners interface directly to the SCSI port on the workstation.

The scanners include Apunix's award-winning OpenScan™ software (see OpenScan listing). The software is designed to take advantage of all of the hardware features of each scanner. The scanners can be used for office automation (to create a paperless office), for desktop publishing, forms processing, etc. Also available is optical character recognition software.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x

Apunix Thermal and Dye Sublimation Printer

Sylvia J. Berens
Vice President
Apunix Computer Services
9555 Chesapeake Drive
Suite 105
San Diego, CA 92123
USA
619-495-9229
619-495-9230 (fax)
sales@apunix.com
http://www.apunix.com

Apunix's Thermal/Dye Sublimation Printer is the lowest cost dye sublimation printer in the market. The ability to do low cost thermal prints and then switch the ribbon and do high quality dye sublimation prints make it also the most versatile printer in the market. It is perfect for color proofing and presentations. The printer includes Apunix's TruePrint™ software which allows users to print a variety of file formats.

The printer is well-suited for desktop publishing, graphics, and scientific imaging applications.

IRIX version compatibility:

Apunix True Color Image Scanners

Sylvia J. Berens
Vice President
Apunix Computer Services
9555 Chesapeake Drive
Suite 105
San Diego, CA 92123
USA
619-495-9229
619-495-9230 (fax)
sales@apunix.com
http://www.apunix.com

Apunix offers a wide range of high quality 24 bit color scanners. The scanners range from a low cost letter sized 300 dpi scanner (with optional transparency adaptor), to high speed legal sized 600 dpi scanner (with optional document feeder), to professional quality 600 dpi B-sized scanner (with transparency adaptor).

The scanners are all single pass SCSI scanners and interface directly to the workstation. The scanners include Apunix's award-winning OpenScan software (see OpenScan listing).

The scanners are designed to meet the needs of users in the desktop publishing, graphics, GIS and scientific imaging markets.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x

Graphic Arts, Publishing, & Imaging

CAMELEO LIGHT®

Valery de March
Marketing Manager
CALDERA GRAPHICS
BP 94-25 boulevard Wilson
Strasbourg Cedex, 67067
France
33-3-88-21-00-0
33-3-88-75-62-4 (fax)
vdm@caldera.fr

CAMELEO LIGHT® is a peripheral devices driving utility that allows the connection of a large range of devices from major makers (Agfa, Canon, HP, Sharp, Umax, Seiko, Polaroid...) for input (scanners, digital-cameras) and for output (printers, plotters, film-recorders).

CAMELEO LIGHT is a 1 to 16 bit per color-component software (RGB, CMYK, gray-scale) dedicated to SGI W/S. As a multitasking software, CAMELEO LIGHT® is perfectly adapted to the workstation power, and thanks to its specific memory management, CAMELEO LIGHT® can handle large size images.

With a dynamic display, a very easy to use graphic interface based on 'Drag and Drop', CAMELEO LIGHT® is the ideal tool for scanning, soft-copying, converting, and printing digital images.

IRIX version compatibility:

CAMELEO PLUS®

Valery de March
Marketing Manager
CALDERA GRAPHICS
BP 94-25 boulevard Wilson
Strasbourg Cedex, 67067
France
33-3-88-21-00-0
33-3-88-75-62-4 (fax)
vdm@caldera.fr

In addition to connection and driving capabilities of CAMELEO LIGHT®, CAMELEO PLUS® also has a range of tools presented as independent and easy to set up modules, which enables a series of graphics processing operations: chromatic & colorimetric retouching, geometric & morphological manipulations, pixel retouching, text creation...

All the driving functions are integrated in a Client/Server architecture, allowing the sharing of hardware.

CAMELEO PLUS® has also a range of options in order to improve the tools according to the needs of the user.

IRIX version compatibility:

Coloration

Richard Hauser
Chief Operating Officer
Lone Ranger Software
Corporation
624 West Chatham Street
Apex, NC 27502
USA
919-362-0564
919-362-0557 (fax)
richh@ImpressSoft.com
<http://www.ImpressSoft.com>

Coloration is a powerful tool design system for decorative print designers and employs an interactive layering approach for compositing up to 32 special ink separations at once. Coloration features InkSight, its high-performance, precision-accurate ink calibration technology and is also used as a high-end proofing station by Packaging and Hi-Fi color professionals.

IRIX version compatibility: 5.3, 6.2

Graphic Arts, Publishing, & Imaging

DVW

Jens Hektor
Dipl. Phys.
Institute of Physiology
Pauwelsstr. 30
Aachen, NRW, D 52057
Germany
49 241 8088 804
49 241 8888 434 (fax)
jens@Physiology.RWTH-
Aachen.DE
http://www.Physiology.
RWTH-Aachen.DE/bs/
image/DVW.html

The Silicon Graphics Indy is a workstation with a built-in frame grabber. DVW is a digital video recorder that makes it possible to digitize full frame and full speed sequences in color or b&w.

IRIX version compatibility: 5.3, 6.2

Hammerhead ras_track

Thad Beier
Technical Director
Hammerhead, Inc.
1276 Singletary Avenue
San Jose, CA 95126
USA
408-286-3376
408-745-6746 (fax)
C-TBeier@ix.netcom.com

ras_track is a 2D/3D tracking program. It is used to stabilize and register scanned sequences of film or video in 2D, and to calculate 3D camera position, orientation, and field-of-view.

IRIX version compatibility: 5.3, 6.x

Impress.Convert

Richard Hauser
Chief Operating Officer
Lone Ranger Software
Corporation
624 West Chatham Street
Apex, NC 27502
USA
919-362-0564
919-362-0557 (fax)
richh@ImpressSoft.com
http://www.ImpressSoft.
com

Impress.Convert is a digital image file translation utility application that runs on Silicon Graphics workstations. It can translate a variety of image file formats and its easy-to-use interactive menu is structured for the highest levels of productivity, allowing the user to select one image at a time or multiple images in a batch process mode.

IRIX version compatibility: 5.3, 6.2

Graphic Arts, Publishing, & Imaging

Jet Stream™

Sheri Keep
Marketing Communications
Manager
Management Graphics, Inc.
1401 East 79th Street
Bloomington, MN 55425
USA
612-854-1220
612-851-6159 (fax)
bergren@mgi.com
<http://www.mgi.com/>

Jet Stream™ is a RISC-based raster image processor (RIP) (Indy platform) designed to support high speed image processing and printing. Current supported devices include Xerox MajestiK and 5775 Digital Color Copier/Printers, Canon 300, 350, 500, 550, 700 and 800 Color Laser Copiers, Xerox ColorgrafX Electrostatic Printers/Plotters, and Management Graphics Solitaire, Sapphire and Opal film recorders. Supported file formats include PostScript, TIFF, Targa and SGI RGB. Because Jet Stream uses true Adobe PostScript Level 2 code, users are assured fast, accurate results from PostScript files every time. In order to maintain efficiency in a high volume production environment, Jet Stream will accept files over the network, rip files, and print files to the output device simultaneously. Management Graphics provides Adobe print drivers, PPDs and Downloaders for both Macintosh and Windows platforms. Designers working on Macintosh, Windows, or UNIX systems can send files over the network to Jet Stream using TCP/IP, AppleTalk, or Novell. The Jet Cal program is included with every Jet LUTs. For film recorder users, Jet Stream works in conjunction with Management Graphics' Colorfit calibration program for film. JetStream has been approved by Adobe Systems as a Certified PostScript Level 2 RIP, and by Xerox Corporation as part of their CMA Partner Program. Consult your authorized Jet Stream dealer or sales representative for additional supported devices.

IRIX version compatibility:

K640™ Hi-res Scanner System

Scott A. Krig
Marketing Manager
Krig Research
P.O. Box 7327
Beaverton, OR 97007
USA
503-649-2621
503-591-9049 (fax)
scott@metheus.com

The K640™ Hi-res scanner is designed for hi-resolution RGB color & monochrome scanning of prints and negatives from 96 to 7680 dpi (*resolution up to 10,000 dpi possible for small areas). The scan area can be up to the 40"x24" (*larger sizes possible for special order). The control electronics are connected to the host by ETHERNET™, or by high-speed bus interface. The K640 can be configured with optical storage, data compression/decompression, and high-resolution display capabilities.

IRIX version compatibility:

Lume Shader Collection™

Karl Stiefvater
President
Lume, Inc.
5 South Cedar Avenue
Suite 405
Spokane, WA 99204
USA
509-468-0807
509-467-2209 (fax)
qarl@lume.com
<http://www.lume.com>

The Lume Shader Collection™ provides unsurpassed realism in raytraced images. Developed specifically for the Myst sequel project, the shaders are easy to use while still flexible for a variety of visual effects. See the Lume Web site for a catalog of effects.

IRIX version compatibility: 5.3

Graphic Arts, Publishing, & Imaging

Object Translator

Ken Lau
Marketing Manager
Acmetek
2374 Indian Creek Road
Diamond Bar, CA 91765
USA
909-396-1971
909-396-7888 (fax)
ken.lau@compuserve.com

Object Translator is a special translation software that translates data objects, images, and animation script for major 3D application packages running on Silicon Graphics platforms. Objects can be created and enhanced by applying special effects on the objects in order to satisfy different users' needs. One of the design goals for Object Translator is to provide a high degree of flexibility and ease of customization.

IRIX version compatibility: 5.2

Open Scan™

Sylvia J. Berens
Vice President
Apunix Computer Services
9555 Chesapeake Drive
Suite 105
San Diego, CA 92123
USA
619-495-9229
619-495-9230 (fax)
sales@apunix.com
<http://www.apunix.com>

OpenScan™ is designed to be utilized with Apunix's grayscale scanners, its high speed binary scanners, and its 24 bit color scanners. OpenScan is a program for controlling and manipulating a scanner. The software includes a device driver, an easy to use GUI, User Callable Libraries, and Scan Server Daemon for sharing the scanner across the network. OpenScan is designed to take full advantage of all of the hardware features of the scanner. Apunix OpenScan is designed to be used with a wide variety of scanners for document imaging requirements, desktop publishing, and scientific and GIS imaging.

IRIX version compatibility: 5.1, 5.2, 5.3, 5.x, 6.0, 6.1, 6.2, 6.x

Particle Storm

Andy Frerking
President
Dynamic Realities
21800-B Doral Road
Waukesha, WI 53186
USA
414-798-9400
414-798-9403 (fax)
andy@dynamic-realities.com
<http://www.dynamic-realities.com>

Particle Storm is a particle control system that plugs into Lightwave. Particle Storm's unique interface offers real-time feedback of particle effects. Other features include multiple groups of particles, gravities, force fields, flocking, and swarming, collision detection, wind with swirling vortex, and more.

IRIX version compatibility:

Picture Center™

Scott A. Krig
Marketing Manager
Krig Research
P.O. Box 7327
Beaverton, OR 97007
USA
503-649-2621
503-591-9049 (fax)
scott@metheus.com

Picture Center™ provides unified object-oriented 2D/3D/color/grayscale image processing, voxel processing, volume rendering, volume animation, particle analysis, advanced texture analysis, image measurement, photo retouching, and an extendable user interface. Three versatile volume rendering algorithms are available. Advanced 2D/3D image processing and particle analysis share a common interface. Picture Center can be invoked as either a stand-alone application, or as a networked server process across any NFS™ network via a callable library of functions. Supported data types include integer (8/16/32 bit), float (single/double), and 24-bit color in multiple color spaces such as HSV, YIQ, HIS, and RGB. Options include an expert system, and a hypertext database, and interfaces to selected cameras and scanners.

IRIX version compatibility:

Graphic Arts, Publishing, & Imaging

Pixel!DB

Alissa Turner
Marketing Coordinator
Mentalix, Inc.
1700 Alma Drive
Suite 110
Plano, TX 75075
USA
214-423-9377
214-423-1145 (fax)
info@mentalix.com
http://www.mentalix.com

Image database software solution for SGI IRIX workstations. Allows easy storage, index, search and retrieval of thousands of images. Associates title, keyword, description and user data with each image. Users can reference image titles and thumbnails or use queries to locate images based on their associated textureal data.

Can be purchased standalone or as part of the Pixel!FX Deluxe family of integrates imaging products, featuring image scanning, editing, viewing, OCR and printing. Also available: a Pixel!SCAN Plug-In for Adobe Photoshop, and a scanner driver for SGI's Impressario and the UMAX Mirage D-16L scanner.

IRIX version compatibility: 5.3, 6.2

Pixel!EDIT

Alissa Turner
Marketing Coordinator
Mentalix, Inc.
1700 Alma Drive
Suite 110
Plano, TX 75075
USA
214-423-9377
214-423-1145 (fax)
info@mentalix.com
http://www.mentalix.com

Software for SGI IRIX workstations provides icon-based Motif graphical user interface with a complete set of image retouch, image processing, graphics annotation and special effects tools for manipulation of color, grayscale, and black/white image data. Pixel!EDIT users can cut, copy and paste between images, perform freehand drawing and painting, and add text to images. Advanced functionality includes unlimited undo/redo, image stitching, multi-page image manipulation, multi-window/multiple active tool interface, and overlay graphics. Processing tools enable blurring, smudging and color-level adjustments. Can be purchased as a standalone product or as part of the Pixel!FX Deluxe family of integrated end-to-end imaging products.

IRIX version compatibility: 5.3, 6.2

Pixel!ENGINE

Alissa Turner
Marketing Coordinator
Mentalix, Inc.
1700 Alma Drive
Suite 110
Plano, TX 75075
USA
214-423-9377
214-423-1145 (fax)
info@mentalix.com
http://www.mentalix.com

Pixel!ENGINE is designed primarily for systems integrators with limited scanning needs or batch functionality requirements for scanning, OCR and file conversion.

This product has a TCL-based scripting interface which provides some of the basic functionality of the Pixel!FX Deluxe family for batch command execution and smooth command-line integration with third-party products. Pixel!ENGINE may also be used as an Application Programming Interface (API).

Pixel!ENGINE features include file conversions, scanning, OCR, image rotation, image scaling, image type conversions, and faxing.

IRIX version compatibility: 5.3, 6.2

Graphic Arts, Publishing, & Imaging

Pixel!FX Deluxe

Alissa Turner
Marketing Coordinator
Mentalix, Inc.
1700 Alma Drive
Suite 110
Plano, TX 75075
USA
214-423-9377
214-423-1145 (fax)
info@mentalix.com
http://www.mentalix.com

Image scanning and processing software for SGI IRIX workstations provides comprehensive management of color, grayscale, and black/white images. Supports over 20 different scanners from HP, Agfa, UMAX, Microtek, Sharp, Fujitsu, and Howtek. Utilizes Motif point-and-click interface or command line/API.

Pixel!FX Deluxe provides image import/export, scan, view, graphical annotation/markup, photo retouch, and image processing functionality. Extensive editing, database, OCR, and printing capabilities are included. (Components may also be purchased separately.)

Pixel!FX Deluxe integrates seamlessly with FrameMaker, Photoshop, Interleaf and third-party fax products. Supports most popular compressed and uncompressed image import/export formats.

IRIX version compatibility: 5.3, 6.2

Pixel!OCR

Alissa Turner
Marketing Coordinator
Mentalix, Inc.
1700 Alma Drive
Suite 110
Plano, TX 75075
USA
214-423-9377
214-423-1145 (fax)
info@mentalix.com
http://www.mentalix.com

Full-featured OCR software for SGI IRIX workstations with easy-to use page decomposition, learning, zone handling and forms processing capabilities. Based on a powerful omnifont recognition engine which easily recognizes all of the most frequently used typefaces. Can learn new fonts on-the-fly, and recognizes barcodes and handprinted text.

Converts scanned documents to editable text, typically with greater than 99 percent accuracy. Comprehensive batch capabilities and multi-page document support. Imports images from third-party software programs. Exports images to ASCII or text files for editing. Can be purchased as a standalone product or as part of the Pixel!FX Deluxe family of integrated end-to-end imaging products.

IRIX version compatibility: 5.3, 6.2

Pixel!SCAN

Alissa Turner
Marketing Coordinator
Mentalix, Inc.
1700 Alma Drive
Suite 110
Plano, TX 75075
USA
214-423-9377
214-423-1145 (fax)
info@mentalix.com
http://www.mentalix.com

Full-featured color, grayscale, and black/white image scanning software for SGI IRIX workstations. Supports 20+ scanners from HP, Agfa, UMAX, Microtek, Sharp, Fujitsu and Howtek - ranging from low-end to pre-press drum scanners.

Features Motif interface with scan color calibration system, extensive color adjustment, batch scanning, filters, and command-line support. With its intuitive adjustment controls, Pixel!SCAN can produce scans better than the originals.

Can be purchased standalone or as part of the Pixel!FX Deluxe family of end-to-end products. Also available: a Pixel!SCAN Plug-In for Adobe Photoshop, and a scanner driver for SGI's Impressario and the UMAX Mirage D-16L scanner.

IRIX version compatibility: 5.3, 6.2

Graphic Arts, Publishing, & Imaging

PlayWrite 4000 CD Recordable system for SGI

Chuck Alcon Jr.
Managing Director
MicroBoards Technology,
Inc.
1480 Park Road
Chanhassen, MN 55317
USA
612-470-1848
612-470-1805 (fax)
calconjr@microboards.
com
http://www.microboards.
com

MicroBoards Technology, Inc. specializes in providing CD Recordable technology for high end UNIX applications, including SGI IRIX based workstations. We have been specialists in CD R technology for over nine years, and are an authorized OEM/Distributor of all systems and supplies offered. The MicroBoards product line consists of high performance single disc CD R systems, bundled with HYCD pre mastering software, CD R duplicators capable of creating up to (16) discs simultaneously, CD R media partners, and CD ROM jukeboxes configured for SGI UNIX networks. MicroBoards Technology, Inc. is also a large international wholesale distributor of CD R media, featuring Taiyo Yuden.

IRIX version compatibility: 5.x

Texture Creator

Jon Henderson
Program Manager
Three D Graphics, Inc.
1801 Avenue of the Stars
Suite 600
Los Angeles, CA 90067
USA
310-553-3313
310-788-8975 (fax)
jonh@threedgraphics.com
http://www.
threedgraphics.com

Creation of procedurally generated textures with multiple overlapping layers and three light sources.

IRIX version compatibility: