
The DATAMAX UV-1R Zgrass Graphics System



Basic Configuration:

- Graphics Tablet: the electronic canvas upon which an image can be drawn. Summagraphics Bit Pad One* with power supply and four-button cursor.
- Video Monitor: Panasonic CT-1350 MG*
- DATAMAX UV-1R Zgrass Graphics Computer: the heart of the system, contains the Zgrass language. Z80 microprocessor, 320 x 201 pixel resolution, 256 colors with four colors displayable per screen area.
- Computer Terminal: Televideo 910*
- Floppy Disk Drive: for auxiliary storage. DATAMAX DFD-1 Dual 5.25" Floppy Drive with .77 Mbyte capacity.
- DATAMAX RGB Converter: for direct RGB output.
- Joystick Hand Controller: for special input purposes.

Software Options:

- Chart Package: for easy creation of bar, pie, and line charts with the excitement of animation.
- Weather Package: to create, edit and display animated weather maps.
- Plotter Package: Software interfaces for producing hardcopy plots.
- Fonts: nine additional available.
- Zgrass Swap Module Preparation Package: documentation and software for custom expansion of the Zgrass language.
- CP/M*: makes accessible the extensive library of CP/M* business and word-processing software.
- Custom software designed upon request.

*Registered Trademark. CP/M is a trademark of Digital Research.

Hardware Options:

- Printers: Okidata Microline 82A*
Epson MX-80 Plus*
- Plotters: HP7220C Graphic Plotter*
HILOT Digital Plotter DMP Series*



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The DATAMAX UV-1R *Zgrass* Graphics System For Affordable, Easy-To-Use Computer Graphics and Real-Time Animation

With the DATAMAX UV-1R *Zgrass* Graphics System you can create these video images in minutes. Draw your image on an electronic canvas and watch it develop on the screen. Then rotate it, invert it, scale it, even ANIMATE it. And store it for later use or alteration.

The UV-1R *Zgrass* Graphics System reduces the time, money, and effort required to produce video graphics. No other method enables you to generate animation so quickly, so easily. And these animation sequences can be recorded directly to video tape.

DATAMAX's user-friendly software packages enable you to create computer graphics without the services of an expensive computer programmer. Most of the images that you see on this page were created with PAINT, a software package that requires no programming knowledge. In PAINT the artist can draw with brushes that vary in size, shape and texture using a rainbow of colors, add text in three fonts, or alter the image as desired.

The UV-1R System contains the *Zgrass* graphics computer language. Unlike other languages that have been modified to incorporate graphics capabilities, *Zgrass* was designed specifically to meet the artist's requirements.

DATAMAX options include:

- Video Digitizer DG-1—scans any video image into the system so that you can manipulate it. Add text or graphics to it.
- Gen Lock GL-1
- Direct RGB output (NTSC RS170 composite is standard)
- High-speed, high-capacity Winchester mass storage devices

Credits: "Leif Ericson", "Hank's Hardware", "Surface Charts", "Columbia" by Jane Veeder. "Datamax" by Copper Giloth.



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