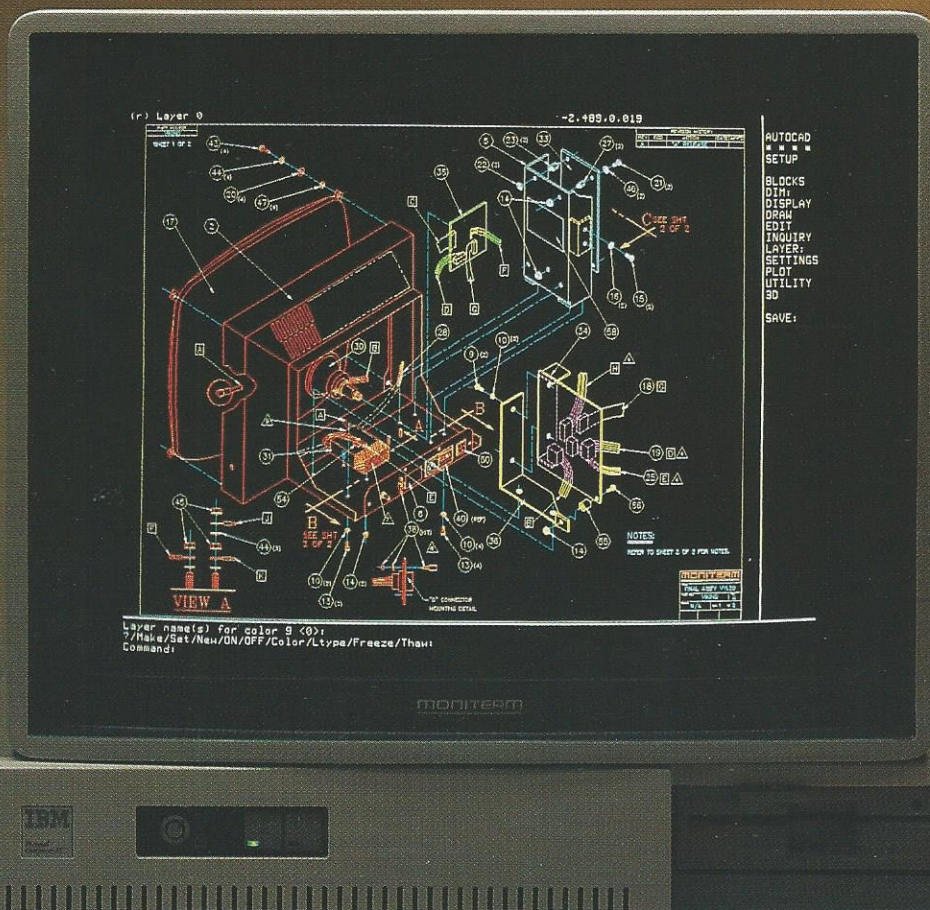# ULTRA HIGH RESOLUTION

ULTRA LOW COST!

Seven Major Benefits of the Viking 10 Ultra High Resolution Display System

The **Viking 10,** for IBM PC, AT, XT and compatibles, turns your microcomputer into an affordable and exceedingly powerful desktop workstation. Here's how:

1. LOW COST
The Viking 10 is affordably priced to meet your budget requirements. You can't buy a better system at a better price.

2. PACKAGED SYSTEM
Our bundled high-speed controller board, monitor and software provides a complete, easy to install system.

3. SUPER SCREEN SIZE
19″ of powerful color is big enough for B-size drawings. WYSIWYG!

4. ERGONOMICS
A tilt and swivel base gives easy access for more than one user. The adjustability also adds to your comfort level.

5. HIGH RESOLUTION
We've defined ultra high resolution with 1,024 X 768 pixels for clear, crisp imaging refreshed at 60Hz.

6. ACCESS TO DETAIL
Instant pan and zoom brings drawings in for close evaluation to increase accuracy and detail.

7. UNDERWEIGHT
Less than 50 pounds for portability. And the Viking 10 is designed to fit your PC perfectly.

The Viking 10 is also the perfect workstation for all popular Desktop Publishing and office automation applications. If you compare, you'll find the Viking 10 offers a price/performance ratio unmatched by any other system.
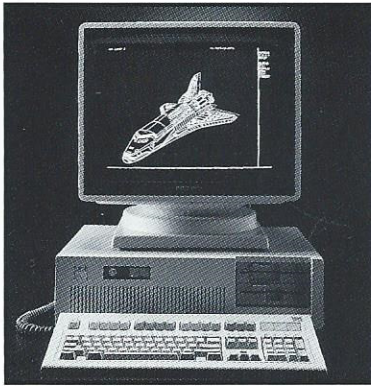
*The Moniterm Viking 10
To Move Your Desktop From Micro to Max.*™

MONITERM

Moniterm Corporation
5740 Green Circle Drive
Minnetonka, MN 55343
(612) 935-4151
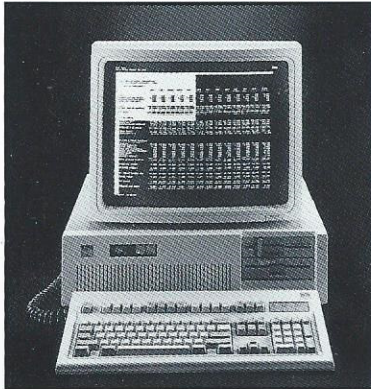TELEX–753626
FAX–(612) 933-5701

Moniterm's Viking 10 System—A "Desktop Workstation."

High Resolution CAD/CAM

The Viking 10 color monitor, for IBM PC, AT, XT and compatible computers is a vital productivity tool for the new generation of personal workstation users. A 1024x768 display format, refreshed at 60 Hz (flicker-free), produces large screen, life-like images on a 19" light-weight monitor. Using the Hitachi ACRTC chip on the Viking controller board provides high speed graphics control. Efficient character mode operations and sophisticated graphics functions are combined in the same program.

"The Viking 10 provides crisp, clean video, and should take advantage of the speed, power and versatility of the ACRTC chip." Cadence.

Spreadsheet Management

The 19" Viking 1 displays up to **6 times** the spreadsheet of a conventional, low resolution monitor. A full 13-month spreadsheet can be displayed while you activate 68 rows x 134 columns, without scrolling or panning. High resolution imaging minimizes eye-strain. And the 19" screen size insures you'll see every line on your spreadsheet, at once, for improved accuracy and better decision making.

PC Magazine says "Tired eyes will brighten at the sight of the Viking 1 system from Moniterm."

Desktop Publishing

The 19" Viking 1 turns your IBM into a powerful Desktop Workstation with a full two pages of text, high resolution graphics, and CAD drawings displayed on one screen. A true "What You See Is What You Get" (WYSIWYG) format allows you to review and edit your working document on the screen, **before** you print. The graphics controller allows you to execute functions exceedingly fast, for increased productivity. A system that improves every aspect of monitor performance, and provides cost-justifying benefits, over and over again.

PC Week calls the Viking 1, "The magic in the (desktop publishing) equation…Big, sharp and a joy to work with."

"IBM," "PC," "AT" and "XT" are registered trademarks of International Business Machines Inc.

Specifications

General

The Viking 10 graphics controller is an interface card to IBM PC, AT, XT and compatible computers. At the heart of the Viking 10 is the Hitachi HD 63484 ACRTC.

4 Megabit main memory, configured as 1Kx1Kx4. 1024x768 bits are displayed. 1024x256x4 can be used as buffer for fonts, drop down menus, dialouge boxes, etc..

The software interface involves accessing only the Hitachi ACRTC and the Control Register. Both are accessed in the I/O space of the PC.

Controller Functions

Bit Mapped Memory: 4 Megabits
  (1024x1024x4)
PC or AT compatible
Hardware Zoom and Pan
DMA Access

BIT BLIT	PAINT
CIRCLE	DRAW LINE
RECTANGLE	POLYLINE
POLYGON FILL	ELLIPSE
ELLIPSE ARC	COPY

Monitor

Raster Size	11"x14"
Horizontal Pixels	1024
Horizontal frequency	50KHz
Vertical Pixels	768
Vertical frequency	60Hz
Pixel frequency	64MHz
CRT size (diag)	19.6"
Monitor width	18.5"
Monitor height	15.3"
Monitor depth	20.1"
Monitor weight	47 lbs.
Power	110 or 220 VAC, 50 or 60 Hz
Regulatory Approvals	FCC Class A, UL, CSA

moniterm

Moniterm Corporation
5740 Green Circle Drive
Minnetonka, MN 55343

(612) 935-4151
TELEX—753626
FAX—(612) 933-5701