Actual unretouched screen display

AMDEK® MONITOR/1280™

Amdek Monitor/1280: A one monitor high-resolution graphics subsystem that's a step ahead. Until now if you wanted to do desktop publishing or CAD yet couldn't do without your standard business applications, you needed two separate monitors. A high-resolution monitor for professional graphics. A medium-resolution monitor for spreadsheets and word processing. The IBM® -compatible Amdek Monitor/1280 monochrome is one monitor designed to run both. It also includes a versatile, integrated graphics board of its own.

It supports desktop publishing and CAD, yet runs standard off-the-shelf software too. Its large 15-inch high contrast, non-glare screen displays both text and graphics at resolutions of up to 1280 × 800 — four times the resolution of a standard IBM monitor.

For high-resolution applications, the Amdek Monitor/1280 includes both character and bit-mapped graphics providing speed and the capability to form very complex graphic images.

For "off-the-shelf" applications, the Amdek Monitor/1280 is fully CGA-compatible, displaying colors in shades of grey. In CGA mode, its 16 × 32 pixel character matrix (vs. 8 × 8 IBM standard) displays much sharper, clearer text and numerals. And the 1 280 can display four times as much spreadsheet data on a single screen (160 characters/line × 50 lines vs. IBM's 80 characters/line × 25 lines).

The Amdek Monitor/1280 is fully compatible with the IBM PC XT,™ IBM Personal Computer AT® and IBM-compatible systems.

AMDEK MONITOR/1280

SCREEN SIZE (diagonal):
15″ (14″ viewable)

SCREEN CHARACTERISTICS:
Etched glass. Non-glare.

PHOSPHOR TYPE:
White. P171.

DIMENSIONS (Inches):

Height	Width	Depth
13.60	14.40	11.90

WEIGHT:
25 lbs.

HORIZONTAL SCAN FREQUENCY:
32 KHz

VERTICAL REFRESH:
76 Hz. Interlaced.

BANDWIDTH:
50 MHz

INPUT:
TTL positive.

FEATURES:
Front-mounted brightness control.
Built-in tilt/swivel stand.

DISPLAY SIZE:
DIAGONAL: 15″
HORIZONTAL: 11.1″
VERTICAL: 8.5″

CHARACTER DISPLAY:
UP to 160 characters/line × 50 lines
8000 characters.

POWER SOURCE:
110/220 VAC, 50/60 Hz
Consumption — 50 watts.

CABLES:
Video cable included.
Power cord included.

VIDEO CARD:
High-resolution video card included.
(full-size, single slot)

OPERATING MODES:
ALPHANUMERIC CHARACTER SETS:
Hardware generated
Two sets of 256 characters each
Software switchable between sets

MODE SWITCHING:
Via software

MODES:
IBM monochrome:
80 columns, 25 lines
IBM color:
80 columns, 25 lines
40 columns, 25 lines
AMDEK:
80 columns, 50 lines
160 columns, 25 lines
160 columns, 50 lines

FORMAT:
Character/Screen:
16 × 32 pixels/80 columns × 25 lines
32 × 32 pixels/40 columns × 25 lines

GRAPHICS RESOLUTION:
Type: Bit mapped
Mode Switching: Automatic
Modes: IBM color
320 × 200 (4 × 4 pixels per graphic dot)
640 × 200 (2 × 4 pixels per graphic dot)

AMDEK HIGH RESOLUTION:
640 × 400 (2 × 2 pixels per graphic dot)
1280 × 400 (1 × 2 pixels per graphic dot)
1280 × 800 (1 pixel per graphic dot)

SCREEN ATTRIBUTES:
Blink, reverse, underline, normal, high and low intensity

HIGH-RESOLUTION VIDEO DRIVERS AVAILABLE

PRODUCT	COMPANY	PRODUCT	COMPANY
AdvanTex	Solution Technology	Unix Console-App	Bell Technologies
Archetype Designer	Archetype	Windows	Microsoft
Brief	Underware	Windows 3D	Enabling Technologies
ByLine	Ashton-Tate	WIPS	Datacopy
Click Art	Software Publishing	Keystone	Technology Applications
Compound Document Processor	Palantir	SLED	VideoSoft
DAWN		CorpTax	CATS Systems
Desk Set Design Edition	Compugraphics	Engineering Document Control Sys.	Access Corp.
Desk Set Edition	G. O. Graphics	Free Flow	ICONIX Software Eng.
Display AD Make-up System	G. O. Graphics	GammaFax	Gammalink
EasiDraw	Digital Technology	GEM Collection	Digital Research Inc.
ElixiForm	Mitac	GEM Word Chart	Digital Research Inc
GEM Desktop Publishing	Elixir Technologies	Gem Write	Digital Research Inc
HALO DPE	Digital Research Inc.	GraphTek	Teknigraphics
LePrint	Media Cybernetics	Javelin	Javelin
MegaScan	LeBaugh Software	Lotus 1-2-3	Lotus Development
MegaScan I	Vision Research	Smart Check	ICONIX Software Eng.
Office Publisher	Vision Research	Symphony	Lotus Development
Pagebuilder	LaserFriendly	TX812 Graphic Editing System	Bacchus Software Sys.
Pagemaker/PC	White Sciences	Win . . . 10 products)	Palantir
PCTEX	Aldus Corp.	Windows 3D	Enabling Technologies
PrintQ	Personal Tex	GEM Draw Plus	Digital Research Inc
Ready Set Go	Software Directions	GEM Graph	Digital Research Inc
Rim System	Manhattan Graphics	Windows DRAW	Micrografx
SofType	Telesis Systems	Windows GRAPH	Micrografx
Spellbinder Desktop Publisher	SoftTest	Ada-Gen	Mark V Business Sys.
Stylist	Lexisoft	AutoCAD	Audodesk
Turbo Ventura Pub.	Visionary Systems	CADKey	Micro Control Systems
Ventura Publisher	Univation	CADVANCE	Calcomp
Wordstar Professional	Xerox/Ventura	Crossroads	McDonnell Douglas
MUC-DOS	MicroPro	Drafix	Foresight Resources
(Font Utility)	Hoar Industries	Fast CAD	Evolution Computing
BYSO Print	Xiphias	Generalized CAD	Index Technology
Fontware	Levien Instrument Co.	Generic CADD	Generic Software
GEM Desktop	Bitstream Inc.	Idea Draw	Cadlogic
GSS*CGI	Digital Research Inc.	In-A-Vision	Micrografx
HALO	Graphic Software Sys.	M/CADD	Migraph
Jet Reader	Media Cybernetics	Microstation	Bentley Systems
KEE PC-HOST Delivery System	Datacopy	OrCAD/PCB	OrCAD Systems Corp.
MetaWINDOWS	Intellicorp	OrCAD/SDT	OrCAD/Systems Corp.
MetaWINDOWS Plus	Metagraphics Software	OrCAD/VST	OrCAD Systems Corp.
PC Paintbrush	Metagraphics Software	P-CAD Systems	Personal CAD Systems
PC Paintbrush Plus	ZSoft Corp.	Procad PC	Procad Systems
Publisher's Paintbrush	ZSoft Corp.	ProDesign II	American Small Business
SC LASER PLUS	ZSoft Corp.	RoboCAD	Robo Systems
Scan Gallery	Pursang Sftwr Channels	Schema	Omation
ScanJet	HP-Greeley Division	VersaCAD Advanced	VersaCAD
	HP-Greeley Division	Workview	Viewlogic Systems

☐ Desk Top Publishing ☐ Operating System ◼ Graphics Tools and Utilities ◼ Business Applications ◼ Business Graphics ◼ CAD

◢◣ **AMDEK**

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