

DATA SHEET

1825 Industrial LCD Monitor

Finally, A LCD monitor Designed for Harsh Environments with touch



AT A GLANCE

- * Suitable for demanding environments: temperature, shock, vibration, dust
- * Direct replacement for the IBM 7574 Industrial monitor
- * High resolution
 - 1280 x 1024 pixel addressing
 - Diagonal viewing area 18.1 inch
- * Multi-scanning
- * Compatible with VGA, SVGA, and XGA
- * Refresh rate 50Hz to 90Hz
- * Complies with EPA "Energy Star" requirements
- * ISO 9241 Part -3 Capable
- * Less than half the weight, approximately 1/3 power consumption, and 40% savings in space compared to a conventional monitor
- * 2 year-exchange warranty on monitor

The 1825 and 1725 are designed and tested for rigorous use. The display is protected from the extended temperature, humidity, vibration and shock voltage variances present in many environments. It will perform reliably in critical 24 hour, 7 day operations. The displays can be used on a bench or table top and have optional mounting kits for mounting in a 19" rack.

The display includes a power management option that conserves energy when the system to which it is attached is inactive. When a key is hit, or the mouse is moved, the screen "powers up" in moments. The multiple synchronization capability of the monitor allows it to be attached to a wide variety of IBM and compatible systems.

The 1825 Display is a 18.1"

inch and the 1725 is a 17 inch LCD, high resolution, multiple-synchronous, industrial graphics LCD monitors. It is intended for alpha-numeric and high-resolution graphic applications, and can be used on a desktop or be mounted in an EIA 19-inch rack.

Touch Option

An optional Touch feature provides an integral touch panel that lets you navigate with the mouse cursor by touching the screen. The touch panel uses resistive or ultrasonic technology that registers any touch, even from a gloved hand or stylus. The touch components and overlay are warranted for a minimum of 5 years.

Display Features

The display is designed for a life of 30,000 hours, which is

SPECIFICATIONS

normally 2.5 times longer than a conventional CRT. The display can auto-



atically adjust for the optimum resolution, contrast, position, and sharpness. Resolutions as high as 1280 x 1024 at 75Hz are selectable. Special features such as a weighted base with tapped holes for added stability, cable anchors, internal amplified speakers, and both analog and digital (DVI) video input make these monitors an excellent choice. Provision for rack mount are available plate to the rear vesa mount.

ORDERING INFORMATION

FEATURE	FUNCTION	DESCRIPTION
LCD	Size Dot pitch Horizontal Vertical Brightness	18.1 (18.1 inches viewable) or 17.0 for the 1725 0.26 mm 13.3" (338 mm) 10.6" (270 mm) 250 cd/m
Power	Input Voltage Power Consumption	External power supply, 100 -240VAC, 50-60 Hz 19V at 2.65A 50 Watts max
Connector Type		15-pin D-type analog, DVI digital
Operating Temp. Humidity	Video Audio	Operating 0-40°C; storage -20°C to 60°C Operating 20% to 80%; storage 10% to 90%; noncondensing Mini Stereo Jack
Dimensions	Width Height Depth Carton as shipped:	434 mm (17.09 in.) 430 mm (16.93 in.) including base 238 mm (9.37 in.) 21 in. (L) x 22.5 (W) x 11.75 in. (H)
Weight	Display Carton as shipped:	9.8 kg (21.6 lb.) 13.9 kg (30.6 lb.)
Touch Feature	Technology Active Area Resolution Response Connector Serial-cable length	Resistive overlay or Ultrasonic 270 mm (10.6 in) x 338 mm (13.3 in.) 4096 x 4096 200 touches per second at 9600 baud 9-pin D-type, USB option 1.8 meters
Software Support		OS/2 Version 2.1 or higher PC DOS Version 5.0 or higher Windows 3x/NT/95/98/2000/XP
Appearance	Color Mounting	Charcoal Grey Desk stand included standard; optional mounting hardware for Wall and 19" Rack mounting using the Vesa mounting holes located on back of LCD panel
Agency and Standards Compliance	Equipment Approvals and Certifications	UL 1950 3rd Edition (CSA Certified) cUL TUV-GS FCC Class B VCCI CE Mark C-Tick



Optional 19" rack & Panel mounting adapters

* 2 year exchange warranty —shipping charges may apply

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