

FlexScan® T960

55 cm (21 inch) class Color Display Monitor



Quality, Reliability & Performance



The T960 represents EIZO's latest entry into the 21" (55 cm) class and its first of this size to utilize a Tension Mask CRT. This large screen model generates the sharp images and brilliant color reproduction to meet the demands of CAD/CAM, DTP, and business applications.

Optimum Image Quality

Digital Signal Processor (DSP)

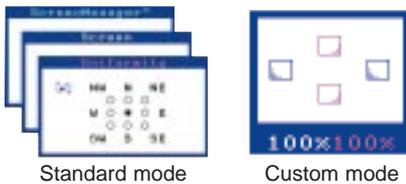
DSP is one more example of how EIZO differentiates itself with in-house technology. This high speed, customized, integrated circuit corrects screen distortion regardless of the input signal to give the T960 unmatched picture quality.

Signal Filters

EIZO has developed two signal filters, both proprietary circuits, and included them in the T960. The signal filters correct problems such as moiré and ghosting caused by poor quality signals from a graphics board for sharp color reproduction and crisp display of text even at high resolutions.

Uniformity Adjustment

EIZO has designed a more detailed uniformity adjustment function for the T960 to improve white uniformity of the screen in any environment. This function includes a standard mode to minimize the effect of the earth's magnetic fields and a custom mode which allows for precise adjustments of each corner individually.



Resolutions and Refresh Rates

With a high horizontal scanning frequency of 115 kHz, the T960 can produce a recommended resolution of 1600 × 1200 at a maximum refresh rate of 92 Hz (1280 × 1024 at @ 106 Hz addressable), for sharp, flicker-free images from corner to corner.

Screen Curvature and Bezel Design

The T960 incorporates a CRT with a flatter screen than conventional Tension Mask monitors, resulting in improved focus and reduced light reflection. To maximize this ergonomic look, EIZO has created a front bezel which matches the screen's reduced curvature for a sleek, attractive appearance.

Aperture Grille Pitch

The T960 features a fine, variable aperture grille pitch of 0.25-0.27 mm for accurate focus and crisp images noticeable across the 21" screen.



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Performance Enhancing Features

Integrated USB Hub

For trouble-free installation of peripherals and true Plug & Play capability, EIZO has incorporated a USB (Universal Serial Bus) hub with the T960. One upstream port and three downstream ports are located on the back of the monitor, and a fourth downstream port with a drop-down lid is positioned near the front.



Drop-down access lid



Rear USB Ports Upstream Downstream

i-Sound™ Sound Unit

For multimedia enhancement, EIZO offers the i-Sound, a speaker unit which attaches seamlessly around the control panel console of the T960. The i-Sound is equipped with two speakers, two stereo mini-jack cables, and a microphone, all powered directly from the monitor. The unit is sold separately.

Ergonomic Issues

Compliance with International Standards

EIZO addresses ergonomic, environmental, and safety issues in the design and manufacture of its monitors to assure user health and comfort. Therefore, the T960 meets the most stringent ergonomic standards such as TCO'99, the CE Mark, ISO 9241-3, -7, -8, and TÜV Rheinland/Ergonomie.



Energy Saving

For efficient energy use, the T960 is equipped with PowerManager™ and Off Timer functions. Both features reduce power consumption to a minimum when the monitor is on but not in use to conserve energy, reduce electricity costs, and eliminate unnecessary use of the CRT.



T960

CRT Size	55 cm (21") class, 90° deflection Tension Mask
CRT Phosphor Pitch	Center: 0.25 mm, Edges: 0.27 mm (Aperture Grille)
CRT Surface Treatment	SuperErgoCoat®
Scanning Frequency	H: 30 - 115 kHz V: 50 - 160 Hz
Input Signals	RGB Analog
Input Terminal	D-Sub mini 15-pin and BNC × 5 (switchable)
Active Display Size	400 mm (H) × 298 mm (V)
Viewable Image Size	498 mm (Diagonal)
Recommended Resolution	1600 dots × 1200 lines, flicker-free @ 92 Hz (max.)
Screen Control	ScreenManager™, ScreenManager Pro for USB, One Touch Auto Adjustment Function (Auto-Sizing)
Power Management	VESA DPMS, EIZO MPMS ¹
Power Consumption	170 W
Power Save Mode 1	Less than 15 W
Power Save Mode 2 (Off)	Less than 3 W
Plug & Play ²	DDC 1/2B
Dimensions	494 mm (W) × 486 mm (H) × 520 mm (D)
Net Weight	33 kg
Safety Standards	TÜV Rheinland/GS, CB, CE Mark
Ergonomic/Environmental Standards	TÜV Rheinland/Ergonomie Geprüft (including ISO 9241-3, -7, -8 and MPR-II), EPA ENERGY STAR Program, TCO'95
USB Standard	USB Monitor Control Class Standard Rev. 1.0 Compliance
USB port ³	1 Upstream port (for computer or another hub) 4 Downstream ports (for peripherals)

- ¹ EIZO MPMS is a power management system developed by EIZO to replace Swedish NUTEK which was discontinued at the end of 1997.
- ² Only valid when computer system supports all Plug & Play functions (personal computer, graphics board, Windows® 95/98). For more details, please refer to the Windows 95/98, personal computer, and graphics board manuals or contact the manufacturers.
- ³ Not all computers, operating systems, or peripherals may be compatible with the USB interface.

i-Sound™ Sound Unit



Speaker Unit	4 cm × 2.8 cm (2 oval designed speakers)
Speaker System	Full range bass reflex
Amplifier Output	1 W per channel
Frequency Response	200 - 20,000 Hz
Microphone	Non-directional
Power Source	DC 6V
Audio Signal Input Terminal	LINE 1 (Stereo mini jack) and LINE 2 (Stereo mini jack)
Audio Signal Output Terminal	MIC OUT (Stereo mini jack) and HEADPHONE (Stereo mini jack)
Dimensions	337 mm (W) × 47.7 mm (H) × 132 mm (D)
Net Weight	320 g
Accessory	2 Stereo mini jack cables (2,100 mm)

Specifications are subject to change without notice.

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