



FlexScan[®] F930

55 cm (21 inch) Class Color Display Monitor



FlexScan® F930

Size, quality, and innovation all come together in the new F930. EIZO has loaded this 21 inch Invar shadow mask CRT monitor with advanced technological features to ensure high performance standards for CAD/CAM, desktop publishing, web design, and business applications.

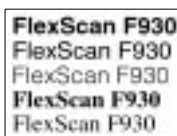
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High Resolutions

A wide horizontal scanning frequency of 30 – 130 kHz allows the F930 to attain a recommended resolution of 1600 × 1200/104 Hz (addressable) and a maximum resolution of 2048 × 1536 at a flicker-free refresh rate of 80 Hz. The extremely fine 0.25 mm dot pitch (0.21 mm horizontal) creates sharp images even at the highest resolutions.

Fine Contrast

The fine contrast function widens the dynamic range of the displayed image by approximately 20% and contains both text and picture modes to enable the user to customize it for specific applications.



◆Text Mode
Clear, smooth text



◆Picture Mode
Vivid, natural colors

Warm-up Period Reduced

While conventional CRT monitors may take 40 minutes or longer to warm up and achieve stable brightness, the F930 employs a new drift correction circuit to shorten the warm-up period by 75% so that users can enjoy picture stability in only 10 minutes.

Automatic Color Correction

This new function detects video signal output level from a graphics card and automatically compensates it to a proper level to minimize disparities in color temperature and brightness. Color correction unifies color temperature when two computers are connected to the F930, even if the graphics cards and operating systems are different.

Video Bias Circuitry

The F930's new video bias circuitry minimizes color changes caused by variations in brightness, even with fluctuations from 0 – 100% for realistic color reproduction.

Ergonomic Standards

The F930 complies with the most stringent ergonomic, energy, environmental, and safety standards including TCO'99, the CE Mark, TÜV Rheinland/Ergonomie, and the EPA ENERGY STAR® Program.



i-Sound™ Sound Unit

For the enhancement of multimedia applications, EIZO offers the i-Sound, a separately sold speaker unit which comfortably attaches to the control panel console of the F930. The i-Sound is equipped with two speakers, two stereo mini-jack cables, and a microphone, and is powered directly from the monitor.

Advanced Functions

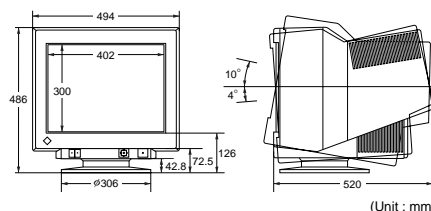
- EIZO's own Digital Signal Processor (DSP) to correct screen distortion.
- Two signal filters to eliminate ghosting and moiré.
- Auto-Sizing button located on the front bezel for simple and quick readjustment of the displayed image to the ideal setting.
- Two video input terminals for simultaneous attachment of two computers to the F930.
- PowerManager™ and off timer functions to reduce energy consumption to under 3 watts during periods of inactivity.



FlexScan® F930 Specifications

CRT Size	55 cm (21 inch) class, 90° deflection Invar Shadow Mask
CRT Phosphor Pitch	0.25 mm / 0.21 mm (H)
CRT Surface Treatment	SuperErgoCoat®
Scanning Frequency	H: 30 - 130 kHz V: 50 - 160 Hz
Input Signals	RGB Analog
Input Terminals	D-Sub mini 15 pin and BNC × 5 (switchable)
Active Display Size	402 mm (H) × 300 mm (V) (Diagonal: 501 mm)
Recommended Resolution	1600 dots × 1200 lines, flicker-free at 104 Hz (max.) (2048 dots × 1536 lines at 80 Hz addressable)
Screen Control	ScreenManager®, One Touch Auto Adjustment Function (Auto-Sizing)
Power Management System	VESA DPMS
Power Consumption	130 W
Power Save Mode 1	Less than 10 W
Power Save Mode 2 (Off)	Less than 3 W
Plug & Play*	DDC 1/2B
Dimensions	494 mm (W) × 486 mm (H) × 520 mm (D)
Net Weight	29.0 kg
Safety Standards	TÜV Rheinland/GS, CB, CE Mark
Ergonomic/Environmental Standards	TÜV Rheinland/Ergonomie Geprüft (including ISO 9241-3, ISO 9241-7 [Positive/Class I, Negative/Class II], ISO 9241-8 and MPR-II), EPA ENERGY STAR® Program, Energy 2000, TCO'99

*Only valid when computer system supports all Plug & Play functions (personal computer, graphics board, Windows® 95/98/2000). For more details, please refer to the Windows 95/98/2000, personal computer, and graphics board manuals or contact the manufacturers.



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