

ViewSonic® P220f/P220fB CRT Monitor

22" (20" VIEWABLE) PROFESSIONAL SERIES CRT



Finally – the CRT that nurtures your creativity.

With the high-end features that desktop publishers, gamers and video editors crave, ViewSonic's 22" (20.0" viewable) P220f and P220fB bring outstanding CRT performance to the discriminating professional. **APERTURE GRILL TECHNOLOGY DELIVERS RICH, NATURAL HUES** and precise color fidelity. The absolutely flat PerfectFlat® screen ensures accurate, edge-to-edge viewing. Superior video response satisfies your need for speed **PROVIDING CRISP MOTION VIDEO**, even at high resolutions. And with a big 20" viewable screen, you can fit just about everything on your desktop. Clearly impressive, and at an exceptional price point, the P220f and P220fB will drive your creativity to the next level.

Award-Winning
Company

ViewSonic is the #1
best-selling monitor brand
in the USA, delivering price
and performance leadership.*



Your world never looked this good.

...❖ 0.24mm aperture grille

Ultra-fine aperture grille pitch delivers clear, crisp images with brilliantly sharp definition, even at the highest resolutions.

...❖ See it all with 2048x1536 maximum resolution

With a maximum resolution of 2048x1536 you'll scroll less as you fit more on the screen. And your eyes will rest easy with a flicker-free 1600x1200 resolution.

...❖ PerfectFlat screen for distortion-free images

ViewSonic's PerfectFlat screen is absolutely flat, providing exceptional precision for text, graphics and video. And minimized reflection and eye fatigue for you.

...❖ Ultra-high contrast for brilliant color

SuperContrast™ technology incorporates an advanced glass filter that lowers transmission rate for bright, bold color.

...❖ OnView® controls plus ViewMatch® color for superior screen adjustability

Screen geometry and color adjustments are precisely made via an easy-to-use on-screen menu.

...❖ OSD lock secures your settings

User-activated OSD lock prevents changes to monitor settings to maintain an optimized image.

...❖ Convenient zoom function

Automatically adjust image size with the touch of a button, filling the screen at any resolution.

...❖ Easy on the eyes

Specially formulated ARAG® screen treatment uses an advanced multi-layer process to eliminate glare and reflection while maintaining the highest image quality.

...❖ TCO and ENERGY STAR® qualified



Keep the style going with a matching keyboard – just one of many accessories available for the P220f and P220fB (sold separately).



ViewSonic®
See the difference.®

Performance

ViewSonic® P220f/P220fB CRT Monitor

22" (20" VIEWABLE) PROFESSIONAL SERIES CRT



1. Zoom hot key automatically fills the screen
2. 266MHz video bandwidth for super-sharp images, even at the highest resolutions
3. OSD lock function prevents accidental changes to the screen

22" (20.0" VIEWABLE) PERFECTFLAT® COLOR CRT MONITORS

CRT	Type	22.0" (20.0" viewable), 90° deflection
	Dot Pitch	0.24mm aperture grille
	Phosphor	RGB B22 medium/short persistence
	Glass Surface	TM~38.4%, ARAG® screen treatment
INPUT SIGNAL	Video	RGB analog (75 ohms, 0.7 Vp-p)
	Sync	H/V separated (TTL), composite
	Frequency	Fh: 30~110kHz; Fv: 50~160Hz
COMPATIBILITY	PC	VGA up to 2048x1536
	Mac®**	Power Mac™ G3/G4 up to 2048x1536
CONNECTOR	Signal	15-pin mini D-sub (high density)
	Power	3-pin plug (IEC320)
POWER	Voltage	AC 90~264V (auto switch), 50~60Hz (+/-2)
	Consumption	125W (typ)
CONTROLS	Basic	Power, 1, down, up, 2, zoom
	OnView®	Contrast, brightness, H/V size, H/V position, zoom, pincushion, pin balance, trapezoid, parallelogram, top/bottom hooking, tilt, H/V convergence, purity, V. linearity center, V. linearity symmetry, ViewMeter®, ViewMatch® (9300K, 6500K, 5000K, user), moiré, OSD position, degauss, language, memory recall
VIDEO INPUT	Bandwidth	266MHz (typ)
MISCONVERGENCE		0.25mm (max) center 0.35mm (max) corner
DISPLAY AREA	Factory Setting	396mm (H) x 297mm (V)
	Maximum Scan	400mm (H) x 300mm (V), dependent upon timing signal
OPERATING CONDITIONS	Temperature	32~104°F (0~40°C)
	Humidity	5~95% (non-condensing)
DIMENSIONS (W x H x D)	Physical	500mm x 505mm x 511.5mm 19.7" x 19.9" x 20.2"
WEIGHT	Net	68.4 lbs. (31.0 kgs)
	Gross	77.2 lbs. (35.0 kgs)
REGULATIONS		UL, cUL, CSA, FCC-B, CB, CE, DHHS, ICES003, ENERGY STAR®, TCO'03 (P220f), TCO'99 (P220fb), TUV/GS, VCCI, BSMI, C-Tick, CCC, TUV/Ergo, NEMKO, SEMKO, DEMKO, FIMKO, PSB, PCBC, GOST-R
POWER MANAGEMENT		Meets TCO and ENERGY STAR® guidelines
WARRANTY		Three-year limited warranty on CRT, parts and labor.



ISO 9001:2000
FM 40187



ISO 14001:1996
FM 40968

ViewSonic Corporation's QMS & EMS have been registered to ISO 9001 & ISO 14001, respectively, by the British Standards Institution.



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See the difference.™

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*Leading stand-alone, branded monitor by sales (CRT and LCDs combined; iSuppli/Stanford Resources Monitrak® and Flat Panel Monitrak®, 3Q03 Report) **Adapter may be required. Analog adapter available from ViewSonic. Specifications subject to change without notice. Selection, offers and programs may vary by country; see your ViewSonic representative for complete details. Corporate names, trademarks stated herein are the property of their respective companies. Copyright © 2003 ViewSonic Corporation. All rights reserved. [10167-05B-08/03] P220f-3/P220fb-3

For more product information, visit us on the web at ViewSonic.com

specifications