

VA2231wma

55cm/21.5" VALUE SERIES WIDESCREEN LCD DISPLAY

Super Contrast Ratio Widescreen



- > **Full HD 1920x1080 resolution**
- > **Impressive 100,000:1 dynamic contrast ratio provides greater detail and definition**
Provides darker levels of black and better overall front-of-screen performance.
- > **Aspect ratio adjustment ensures your images are never distorted regardless of signal source**
Eliminates image distortion by maintaining correct image proportions for both widescreen and native 4:3 content.
- > **Eco-mode automatically reduces power consumption and can extend backlight life.**
Reduce operating power consumption by up to 40%.
- > **Stylish slim-bezel design with high-gloss, piano-black finish**
An ultra-thin bezel lets you see more without taking up valuable desktop real estate.
- > **Windows® 7 certified**
- > **Epeat Silver, Energy Star 5.0 and TCO5.0 certified**
The VA2231wma has extended gamut with more vibrant colors, while the Epeat Silver, Energy Star compliance, mercury-free RoHS production process and TCO5.0 cover the entire product lifecycle for energy saving and contribution to environmental friendliness.



Model Name:	VA2231wma	
LCD	Size Optimum Resolution Brightness (cd/m ²) Contrast Ratio (Typ.) Dynamic Contrast Ratio Viewing Angle (CR \geq 10 / CR \geq 5) Response Time (ms) Pixel Pitch (HxV) Panel Surface Light Source (Hours) Color Support (Millions of colours)	55cm/21.5" Wide Color a-Si TFT Active Matrix LCD 16:9 aspect ratio 1920 x 1080 300 Typical 1,000:1 100,000:1 170° (H), 160° (V) 5ms Typical 0.24825 x 0.24825 (mm) Anti-Glare, Hard coating(3H) 50,000 hrs typical 16.7 Millions
INPUT	Analogue Sync Frequency (Fh / Fv)	RGB Analogue (75 ohms, 0.7 / 1.0 Vp-p) Separate Fh = 24 - 82kHz; Fv = 50 - 75 Hz, (VGA)
COMPATIBILITY	PC Mac	VGA up to 1920 x 1080 Non Interlaced 1920 x 1080 Non Interlaced
CONNECTOR	Analogue Power Audio	1 x 15 pin mini D-sub Built-in power Adapter, 3-Pin plug 3.5mm Mini phone Jack
Speaker	Speaker	2Wx2
POWER	Voltage Consumption (W) Save mode (W)	AC 100-240V (Universal); 50/60Hz(Switch) 45 Typical / 48 Maximum \leq 0.2W
ERGONOMICS	Tilt	20~-5 degrees
CONTROLS	Basic OnView / OSD	[1], [2], Power, Down[▼], Up[▲] Auto Image Adjust, Contrast/Brightness, Color Adjust, sRGB, 9300K, 7500K, 6500K, 5000K, User Color [R, G, B] Information, Manual Image Adjust, H/V Position, Horizontal Size, Fine Tune, Sharpness, Dynamic Contrast, Aspect ratio, Eco mode, Setup Menu, Language, Resolution Notice, OSD Position, OSD Timeout, OSD Background, Auto Power Off, Memory Recall
OPERATING CONDITIONS	Temperature Humidity (Non condensed)	0 - 40 (°C) / 32 - 104 (°F) 10 - 90 (%)
DIMENSIONS (WxHxD)	Physical (w/ stand)	513 x 389 x 196 (mm) / 20.2 x 15.3 x 7.7 (in)
WEIGHT	Net (w/ stand)	3.8 kg / 8.4 lbs
REGULATIONS		CB, WEEE, RoHS, REACH SVHC List, EuP, TCO5.0, Windows XP/ Vista Premium, Window® 7, CE, Ergo, GOST-R+Hygienic, UkrSEPRO, BSMI, PSB, C-TICK, KC, e-standby, SASO, Epeat Silver, Energy Star 5.0
WALL MOUNT (mm)	VESA® Mount Compliant	100mm x 100mm