

AccuSync® AS222Wi  
LCD 22" Commercial Display

## Datasheet



### NEC AccuSync® AS222Wi – business class quality for entry-level users

The 22" 16:9 wide screen display provides professional quality yet targets entry-level applications. The IPS panel technology delivers perfect readability and excellent colours, even when viewed at the widest angle.

Ensuring the well-being of the user, built-in Low Blue Light technology filters out hazardous blue light emissions whilst Flicker-Free technology eliminates the effect of flickering. The users' eyes are protected whilst the LED backlight panel supports a high display brightness of 250 cd/m<sup>2</sup> ensuring an excellent visual experience whilst keeping power consumption to a minimum.

The ideal monitor for entry-level and corporate consumers.

## Benefits

**Business Class Image Quality** – IPS (22") panel provides the very best viewing angles as well as noticeably better colour reproduction.

**Protecting your eyes from strain and damage** – Built-in Low Blue Light technology filters out hazardous blue light emissions whilst Flicker-Free technology eliminates any backlight flickering, thus protecting your eyes against cataracts and macular degeneration without compromise to true-to-life display colour performance.

**Your environmental and social responsibility** – NEC's TCO 7 and ENERGY STAR 7 certified display is environmentally designed with minimal hazardous material meeting the growing demand for more sustainable technologies.

## Product Information

Product Name	AccuSync® AS222Wi
Product Group	LCD 22" Commercial Display
Order Code	60004375

## Display

Panel Technology	AH-IPS LCD with LED Backlight
Screen Size [inch/cm]	22 / 55
Screen Aspect Ratio	16:9
Pixel Pitch [mm]	0.248
Brightness (typ.) [cd/m <sup>2</sup> ]	200
Contrast Ratio (typ.)	1000:1
Viewing Angle [°]	170 horizontal / 160 vertical (typ. at contrast ratio 10:1); 176 horizontal / 170 vertical (typ. at contrast ratio 5:1)
Response Time (typ.) [ms]	5
Colours [Mio.]	16.7

## Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 81.1
Vertical Frequency [Hz]	56 - 76

## Resolution

Optimum Resolution	1920 x 1080 at 60 Hz
Supported	1920 x 1080; 1680 x 1050; 1440 x 900; 1400 x 1050; 1360 x 768; 1280 x 1024; 1152 x 864; 1024 x 768; 800 x 600; 720 x 400; 640 x 480

## Connectivity

Digital	1 x DVI-D (with HDCP)
Analog	1 x VGA

## Electrical

Power Consumption on Mode [W]	13 (Eco Mode); 20 (typ.); 27 (max.)
Power Savings Mode [W]	0.35
Power Supply	0.45 A/0.25 A; 100-120 V/220-240 V; integrated power supply

## Environmental Conditions

Operating Temperature [°C]	+5 to +35
Operating Humidity [%]	20 to 80
Storage Humidity [%]	10 to 85
Storage Temperature [°C]	-10 to 60

## Ergonomics

Height adjustable stand [mm]	no
Screen Tilt [°]	-5 to +20
Screen Swivel [°]	no
Screen Rotate [°]	no

## Mechanical

Bezel Width [mm]	14.7 (left and right); 15; 16.8 (top and bottom)
Dimensions (W x H x D) [mm]	507.4 x 364.7 x 205.1

Weight [kg]	4.1
VESA Mounting [mm]	100 x 100 (4 points)

### Additional Features

Special Characteristics	Auto Contrast; Carbon Savings Meter; NaViSet Administrator 2; Rapid Response Technology; Windows 8 compatible
Colour Versions	Black Front Bezel, Black Back Cabinet
Cable Management	yes
Kensington security slot	yes
Plug and Play	EDID Standard; VESA DDC2B; VESA DDC2Bi
Adjust Functions	Auto Adjust; Brightness; Colour Control System; Contrast; EcoMode; Expansion Mode; Factory Preset; Language Select; Monitor Information; On-Screen-Display (OSD) lock-out; OSD Turn Off; Resolution Notifier; Volume
Shipping Content	Monitor; Power Cable; Setup Guide Signal Cable: VGA - VGA
Safety and Ergonomics	CE; EnergyStar 6.0; ErP; FCC Class B; Flicker-free; ISO 9241-307 (pixel failure class 2); Low Blue Light; PCT/Gost; TCO 7.0; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA
Warranty	3 years warranty incl. backlight

### Green Features

Energy Efficiency	Annual energy consumption: 29 kWh (based on 4 operating hours per day); Carbon Footprint Meter / Carbon Savings Meter; ECOMode; Energy efficiency class: A
Ecological Materials	Efficient mechanical design for minimised packaging; Minimal use of harmful material
Ecological Standards	Energy Star 7.0; ErP compliant; TCO 7.0



CE



ERP  
COMPLIANT  
ErP



FCC Class B



ME06  
PCT/Gost



TÜV  
Ergonomics



TÜV GS

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