Datasheet

24" 16:9 Wide LCD with TN TFT Display features green product design using the latest LED backlight technology at an affordable price. The attractively designed display comes also with DVI-D input.

The ideal monitor for entry-level, corporate and demanding consumers.

Benefits

Affordable Green - low power consumption with latest LED backlight technology, EcoMode function and Carbon Footprint Meter / Carbon Savings Meter.

Technology - 16:9 full HD format TN display with Rapid Response technology.

Ecologics and Ergonomics - complying to the latest standards including TCO 6.0 and ISO 9241-307.

Vesa Mount (100 mm) allows to install the monitor via various mounting solutions.

Cost Saving Device Management save effort whilst managing all connected NEC devices from a centralised location by using the NaViSet Administrator 2 software tool.

Product Information

Product Name	AccuSync® AS242W
Product Group	NEC LCD 24" Commercial Display
Order Code	60003810

Display

Panel Technology	W-LED TN TFT
Screen Size [inch/cm]	24 / 60.97
Screen Aspect Ratio	16:9
Pixel Pitch [mm]	0.277
Brightness (typ.) [cd/m²]	250
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
Analog	1 x mini D-sub 15 pin

Electrical

Power Consumption on Mode [W]	13 (Eco Mode); 20 (typ.); 24 (max.)
Power Savings Mode [W]	0.35
Power Supply	0.6 A/0.35 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 [°]	-4 to +21
Screen Swivel [°]	no
Screen Rotate [°]	no

Mechanical

Bezel Width [mm]	19
Dimensions (W x H x D) [mm]	571.4 x 400.9 x 211.2
Weight [kg]	4
VESA Mounting [mm]	100 x 100 (4 points)

Additional Features

Special Characteristics	Auto Contrast; Carbon Savings Meter; NaViSet Administrator 2; Rapid Response Technology; Windows 7 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	CCC; CE; Energy Star 5.0; ErP; FCC Class B; GEEA/Energy Label; ISO 9241-307 (pixel failure class 2); PCT/Gost; TCO 6.0; 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 5.0; ErP compliant; TCO 6.0