

NEC MultiSync® EA234WMi

NEC LCD 23" Commercial Display



NEC MultiSync® EA234WMi features an extremely thin LED backlight panel with IPS technology which results in an ultra-modern and slim design in combination with a premium feature set for the corporate office use. Ambient Light and Human Sensors enforce the sustainable product concept while offering improved ergonomics with 130 mm height adjustability. Moreover the display offers broad connectivity with four inputs DisplayPort, HDMI, DVI-D and D-Sub. Thanks to its excellent IPS image quality with wide viewing angles in 16:9 screen format, it offers a high level of ergonomic comfort.

Ideal for the corporate that demands style and future proof technology.

BENEFITS

Ergonomic Office - full height adjustability (130 mm), tilt and flat mode ensures perfect individual ergonomic set-up.

Feature Set for Perfect Office Use - Integrated Speakers, headphone jack and USB Hub provide excellent options for office communication.

Ambient Light Sensor - with Auto Brightness function always sets optimised brightness level according to ambient light and content conditions.

Easy Control - of up to six displays in a multi-monitor configuration with ControlSync® technology.

Human Sensor - detects the presence of a person in front of the screen; display switches on/off automatically depending on the presence of the user.

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

NaViSet Compatible - for comprehensive network-wide asset management and easier remote support.

DICOM Simulation - for straightforward radiological review applications.



DISPLAY	Panel Technology	IPS TFT with W-LED backlight
	Screen Size [inch/cm]	23 / 58.4
	Screen Aspect Ratio	16:9
	Pixel Pitch [mm]	0.265
	Brightness (typ.) [cd/m ²]	250
	Contrast Ratio (typ.)	1000:1 (25000:1 dynamic contrast ratio)
	Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
	Response Time (typ.) [ms]	6
SYNCHRONISATION RATE	Colours [Mio.]	16.77
	Horizontal Frequency [kHz]	31.5 - 83
RESOLUTION	Vertical Frequency [Hz]	56 - 75
	Optimum Resolution	1920 x 1080 at 60 Hz
CONNECTIVITY	Supported	1920 x 1080; 1680 x 1050; 1600 x 1200; 1440 x 900; 1400 x 1050; 1366 x 768; 1360 x 768; 1280 x 1024; 1280 x 960; 1280 x 768; 1280 x 720; 1024 x 768; 800 x 600; 640 x 480
	Digital	1 x DisplayPort; 1 x DVI-D (with HDCP); 1 x HDMI; USB ver. 2.0 (4 down / 1 up)
ELECTRICAL	Analog	1 x mini D-sub 15 pin
	Power Consumption on Mode [W]	16 (Eco Mode); 22 (typ.); 27 (max.)
	Power Savings Mode [W]	< 0.5
ENVIRONMENTAL CONDITIONS	Power Supply	internal power supply
	Operating Temperature [°C]	+5 to +35
ERGONOMICS	Operating Humidity [%]	20 to 80
	Height adjustable stand [mm]	130
	Screen Tilt [°]	-5 to +30
	Screen Swivel [°]	-170 to +170
MECHANICAL	Screen Rotate [°]	0 to 90 (landscape to portrait mode)
	Dimensions (W x H x D) [mm]	543.8 x 380.4 x 218
	Weight [kg]	6.4
ADDITIONAL FEATURES	VESA Mounting [mm]	100 x 100
	Special Characteristics	Ambient light sensor for optimized brightness levels; Carbon Footprint Meter; Carbon Savings Meter; ControlSync®; Customize Setting; DICOM Simulation; EcoModes; ErgoDesign®; Height adjustable stand (130 mm) with 90° Pivot features; Human Sensor; LED Backlight Technology; NaViSet Administrator 2; sRGB Support; Touch Sensor Keys; USB ver. 2.0 (4 down / 1 up); Windows 8 compatible
	Cable Management	yes
	Kensington security slot	yes
	Plug and Play	VESA DDC2B; VESA DDCi
	Audio	Headphone Jack; Integrated Speakers (1 W + 1 W)
	Adjust Functions	Audio Volume / Lock-Out; Auto Adjust; Brightness; Colour Temperature Control; Contrast; Control Sync; DV Mode; EcoMode; Fine Adjust (analog); Human Sensing; Intelligent Power Management; Language Select; LED Brightness; Monitor Information; NTAA (Non-Touch-Auto-Adjustment); On-Screen-Display (OSD) lock-out; One Touch Recovery; Power-Off Timer; sRGB
	Shipping Content	Control Sync Cable; DisplayPort cable; Monitor; Power Cable; Setup Guide; USB Cable
Safety and Ergonomics	CE; Energy Star 6.0; FCC Class B; ISO 9241-307 (pixel failure class I); MPR III; PCT/Gost; RoHS; TCO 6.0; TCO Certified Edge Displays 1.2.; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA	
GREEN FEATURES		
	Energy Efficiency	Ambient light sensor; Annual energy consumption: 32 kWh (based on 4 operating hours per day); Energy efficiency class: A; Human sensor; Intelligent Power Management
	Ecological Materials	Downloadable manuals
	Ecological Standards	Energy Star 6.0; TCO 6.0; TCO edge