

NEC MultiSync® EA234WMi

Order Code: 60003588 (BK), 60003587 (WH)

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.



DELIVERING GENUINE BENEFITS

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

Ergonomic Office - full height adjustability (130 mm), swivel, tilt and pivot functionality 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.

Green Product Concept - Eco Mode and Carbon Footprint Meter / Carbon Savings Meter, Ambient Light Sensor.

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.

Image display - 23inch 16:9 IPS with LED backlight.

DICOM Simulation - for straightforward radiological review applications.

OUTSTANDING PERFORMANCE

- **Ultra-modern and slim design.** The product design is discreet and puts priority on the screen image and function.
- **Ambient Light and Human Sensors.** The new sensor technologies provide a perfect image with minimum power consumption.
- **Improved ergonomics.** The ergonomic stand with 130 mm height adjustability allows greatest set-up flexibility.
- **Integrated Speakers,** headphone jack and USB Hub provide excellent options for office communication.
- **New Control Sync Feature** enables multimonitor adjustment synchronization.



SPECIAL CHARACTERISTICS

Ambient light sensor for optimized brightness levels, Carbon Footprint Meter, Carbon Savings Meter, ControlSync®, Customize Setting, DICOM Simulation, EcoModes, Energy Star 6.0, ErgoDesign®: Height adjustable stand (130 mm) with 90° Pivot features, Human Sensor, LED Backlight Technology, NaViSet® and NaViSet® Administrator compatible, sRGB Support, Touch Sensor Keys, USB ver. 2.0 (4 down / 1 up), Windows 8 compatible



Energy Efficiency Ambient light sensor; Human sensor; Intelligent Power Management

Ecological Materials Downloadable manuals

Ecological Standards Energy Star 6.0; TCO edge; EPEAT Gold; TCO 6.0

Technical Specification NEC MultiSync® EA234WMI

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
Colours [Mio.]	16.77
SYNCHRONISATION RATE	
Horizontal Frequency [kHz]	31.5 - 83
Vertical Frequency [Hz]	56 - 75
RESOLUTION	
Optimum Resolution	1920 x 1080 at 60 Hz
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
CONNECTIVITY	
Digital	1 x DVI-D (with HDCP); 1 x HDMI; USB ver. 2.0 (4 down / 1 up); 1 x DisplayPort
Analog	1 x mini D-sub 15 pin
ELECTRICAL	
Power Consumption on Mode [W]	22 (typ.); 16 (Eco Mode); 27 (max.)
Power Savings Mode [W]	< 0.5
Power Supply	internal power supply
ENVIRONMENTAL CONDITIONS	
Operating Temperature [°C]	+5 to +35
Operating Humidity [%]	20 to 80
ERGONOMICS	
Height adjustable stand [mm]	130
Screen Tilt / Swivel / Rotate [°]	-5 to +30
Screen Tilt / Swivel [°]	-170 to +170
Screen Rotate [°]	0 to 90 (landscape to portrait mode)
MECHANICAL	
Dimensions (W x H x D) [mm]	543.8 x 380.4 x 218
Weight [kg]	6.4
VESA Mounting [mm]	100 x 100
ADDITIONAL FEATURES	
Cable Management	yes
Kensington security slot	yes
Plug and Play	VESA DDCi; VESA DDC2B
Audio	Integrated Speakers (1 W + 1 W); Headphone Jack
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	Monitor; Power Cable; Control Sync Cable; USB Cable; Audio Cable; CD-ROM; Sales Office List; User Manual Signal Cable: VGA - VGA; DVI-D - DVI-D
Safety and Ergonomics	Energy Star 6.0; EPEAT™ Gold; CE; TCO 6.0; TCO Certified Edge Displays 1.2.; TÜV Ergonomics; TÜV GS; FCC Class B; PCT/Gost; UL/C-UL or CSA; ISO 9241-307 (pixel failure class I); MPR III; RoHS
Warranty	3 years warranty incl. backlight