

# NEC MultiSync® EA275WMi

Order Code: 60003813 (BK), 60003814 (WH)

NEC LCD 27" Commercial Display



The NEC MultiSync® EA275WMi features an extremely thin 27" IPS LED backlight panel with a resolution of 2560 x 1440 which results in an ultra-modern and slim design. Ambient Light and Human Sensors enforce the sustainable product concept while offering improved ergonomics with 130 mm height adjustability. The ergonomic performance of this display is further enhanced by the excellent IPS image quality. Finally, the display offers future-proof connectivity with four connectors: DisplayPort, DVI-I (Dual Link), HDMI and DisplayPort out.

Ideal for the corporate office that values personal productivity, demands stylish products and insists on the best future proof technology.

## BENEFITS

**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.

**Image display** - 27inch 16:9 IPS with LED backlight.

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

**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.

**Easy Multi-Monitor Setup** - DP Daisy Chain and ControlSync for easy setup and control of highly productive multi-monitor setups.

**DICOM Simulation** - for straightforward radiological review applications.

**Free Download of Multi-Display Management Software** - with NaViSet Administrator 2 you can manage all your connected display devices from a centralized location.



|                                 |                               |   |
|---------------------------------|-------------------------------|---|
| <b>DISPLAY</b>                  | Panel Technology              | IPS TFT with W-LED backlight  |
|                                 | Screen Size [inch/cm]         | 27 / 68.5   |
|                                 | Screen Aspect Ratio           | 16:9  |
|                                 | Pixel Pitch [mm]              | 0.233   |
|                                 | Brightness (typ.) [cd/m²]     | 350   |
|                                 | Contrast Ratio (typ.)         | 1000:1 (20000:1 dynamic contrast ratio)   |
|                                 | Viewing Angle [°]             | 178 horizontal / 178 vertical (typ. at contrast ratio 10:1)   |
|                                 | Response Time (typ.) [ms]     | 6   |
|                                 | Colours [Mio.]                | 16.77   |
| <b>SYNCHRONISATION RATE</b>     | Horizontal Frequency [kHz]    | 31.5 - 83   |
|                                 | Vertical Frequency [Hz]       | 56 - 75   |
| <b>RESOLUTION</b>               | Optimum Resolution            | 2560 x 1440 at 60 Hz  |
|                                 | Supported                     | 2560 x 1440; 1920 x 1440; 1920 x 1080; 1600 x 1200; 1280 x 1024; 1152 x 864; 1024 x 768; 832 x 624; 800 x 600; 640 x 480  |
| <b>CONNECTIVITY</b>             | Digital                       | 1 x DisplayPort; 1 x DisplayPort out; 1 x HDMI; USB ver 3 (1 up / 2 down) ver 2 (1 down)  |
|                                 | Digital/ Analog               | 1 x DVI-I; Dual Link DVI  |
| <b>ELECTRICAL</b>               | Power Consumption on Mode [W] | 35 (Eco Mode); 47 (typ.); 57 (max.)   |
|                                 | Power Savings Mode [W]        | 0.47  |
|                                 | Power Supply                  | 1.2 A/0.6 A; 100-120 V/220-0 V; internal power supply   |
| <b>ENVIRONMENTAL CONDITIONS</b> | Operating Temperature [°C]    | +5 to +35   |
|                                 | Operating Humidity [%]        | 20 to 80  |
| <b>ERGONOMICS</b>               | Height adjustable stand [mm]  | 130   |
|                                 | Screen Tilt [°]               | -5 to +30   |
|                                 | Screen Swivel [°]             | -170 to +170  |
|                                 | Screen Rotate [°]             | 0 to 90 (landscape to portrait mode)  |
| <b>MECHANICAL</b>               | Dimensions (W x H x D) [mm]   | 639.2 x 417.9 x 230   |
|                                 | Weight [kg]                   | 8.7   |
|                                 | VESA Mounting [mm]            | 100 x 100   |
| <b>ADDITIONAL FEATURES</b>      | Special Characteristics       | Ambient light sensor for optimized brightness levels; Auto Contrast; 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; Picture-by-Picture; Versatile and easy installation (VESA standard) with NaViSet and NaViKey; Windows 8 compatible |
|                                 | Colour Versions               | Black Front Bezel, Black Back Cabinet; White Front Bezel, White Back Cabinet  |
|                                 | Cable Management              | yes   |
|                                 | Kensington security slot      | yes   |
|                                 | Plug and Play                 | DDC2B/2Bi; EDID Standard; VESA DDC/CI   |
|                                 | Audio                         | 1W + 1W (De-activateable); 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; 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; ErP; FCC Class B; ISO 9241-307 (pixel failure class I); MPR II/ MPR III; PCT/Gost; RoHS; TCO 6.0; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA   |
|                                 | Warranty                      | 3 years warranty incl. backlight; optional 4th to 5th year warranty extension   |
| <b>GREEN FEATURES</b>           | Energy Efficiency             | Ambient light sensor; Annual energy consumption: 64 kWh (based on 4 operating hours per day); Carbon Footprint Meter / Carbon Savings Meter; EcoMode; Energy efficiency class: C; Human sensor  |
|                                 | Ecological Materials          | Efficient mechanical design for minimised packaging; Minimal use of harmful material  |
|                                 | Ecological Standards          | ErP compliant; TCO 6.0; TCO edge  |