\Orchestrating a brighter world

MultiSync® EX241UN
LCD 24" Commercial Display

Datasheet





NEC MultiSync ® EX241UN Ultra-Thin Bezel - The Trading Floor Benchmark, combining sleek and elegant design with health-conscious performance

The 24" ultra-thin bezel display targeting Financial Professionals with highest productivity, performance and quality, fulfils demand for future-ready design.

"The more you can see the more you can do"; benefit from the four sided 0,8 mm ultra-narrow bezel, or remove the bezel completely to further reduce the display footprint in multi-screen setups. Outstanding productivity additionally requires high attention to healthcare. Ensuring the well-being of the user, built-in Low Blue Light Plus technology and Flicker-Free technology effectively protect the health of the users' eyes.

The ultra-narrow bezel display reduces the display footprint without compromising on screen size and gives trading floors a fresh professional interior with its sleek and elegant design.

Benefits

Future-Proof Multi-Screen Design – 4-sided 0.8 mm ultra-thin bezel (further removable) reduce the footprint to a minimum without compromising on screen size

Protecting your eyes from strain and damage – Built-in Low Blue Light Plus 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.

Highest Productivity and efficient Multi-Tasking – reduce the number of PCs and Daisy-Chain multiple displays using DisplayPort (out) and benefit from Uniformity Control for a consistent visualisation in a trading floor setup.

Efficient Installation and Configuration – one button quick release display stand, intuitive joystick button for menu settings. Administrate a complete multi-screen environment simply via master display using Control Sync function.

Auto-Adjust Power Consumption – to minimize unnecessary power, optional Human and Ambient Light Sensor adjusts the display brightness when a user leaves his desk.

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

Product Information

Product Name	MultiSync® EX241UN
Product Group	LCD 24" Commercial Display
Order Code	60004064 (BK), 60004065 (WH)

Display

Panel Technology	IPS TFT
Screen Size [inch/cm]	24 / 60
Screen Aspect Ratio	16:9
Pixel Pitch [mm]	0.2745
Brightness (typ.) [cd/m²]	250
Contrast Ratio (typ.)	1000:1
Viewing Angle [°]	178 horizontal / 178 vertical (typ. at contrast ratio 10:1)
Response Time (typ.) [ms]	6
Colours [Mio.]	16.77
Colour Gamut Size / Coverage	100% /0% sRGB

Synchronisation Rate

Horizontal Frequency [kHz]	31.5 - 83
Vertical Frequency [Hz]	56 - 75

Resolution

Optimum Resolution	1920 x 1080 at 0 Hz
Supported	1920 x 1080 (60 Hz)

Connectivity

Digital	1 x DisplayPort; 1 x DisplayPort out; 1 x DVI-D; 1 x HDMI; USB ver. 3.0 (3 down / 1 up)
Analog	1 x D-sub 15 pin

Electrical

Power Consumption on Mode [W]	15 (Eco Mode 2); 19 (Eco Mode); 19 (shipping); 45 (max.)
Power Savings Mode [W]	0.3
Power Supply	internal 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]	100
Screen Tilt [°]	-5 to +30
Screen Swivel [°]	-170 to +170
Screen Rotate [°]	-90 to 90 (landscape to portrait mode)

Mechanical

Bezel Width [mm]	0.8

Dimensions (W x H x D) [mm]	537.8 x 369.7 x 204.3
Weight [kg]	5.6

Additional Features

Special Characteristics	Ambient light sensor for optimized brightness levels; Carbon Footprint Meter; Carbon Savings Meter; ControlSync®; Customize Setting; DICOM Simulation; Digital Uniformity Control (ColorComp); DisplayPort; EcoModes; LED Backlight Technology; NaViSet Administrator 2; Quick release Stand and Handle; Touch Sensor Keys; USB ver. 3.0 (3 down / 1 up)
Colour Versions	Black Front Bezel, Black Back Cabinet; White Front Bezel, White Back Cabinet
Cable Management	yes
Plug and Play	VESA DDC2B; VESA DDCi
Audio	Headphone Jack; Integrated Speakers (1 W + 1 W)
Adjust Functions	Auto Adjust; Brightness; Contrast; Control Sync; DV Mode; EcoMode; Fine Adjust (analog); Individual Adjust; Intelligent Power Management; Language Select; LED Brightness; Monitor Information
Shipping Content	Control Sync Cable; DisplayPort cable; Monitor; Power Cable; Setup Guide; USB Cable
Safety and Ergonomics	CE; EAC; EnergyStar 7.0; FCC Class B; Flicker-free; GEEA/Energy Label; ISO 9241-307 (pixel failure class I); Low Blue Light; RoHS; TCO 7.0; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA
Warranty	3 years warranty incl. backlight; optional 4th to 5th year warranty extension

Green Features

Energy Efficiency	ECOMode; Energy efficiency class: A+
Ecological Standards	Energy Star 7.0; ErP compliant; TCO 7.0

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