

LCD 24" Enterprise Display

Sharp MultiSync® EA241W



Re-imagine your desktop computing experience

With the MultiSync EA Series, Sharp has developed monitor solutions that push the boundaries of what you've come to know as business-class screen performance. The EA Series deliver a completely redesigned chassis with a host of enhanced features, advanced technologies, future-proof connectivity and environmentally friendly benefits. All models utilise IPS LCD panels, which boast the best possible colour accuracy and minimal viewing angle shift.

Every model features LED backlights, enabling a thin and light design. Other green features include ECO Mode™, a carbon footprint meter and an ambient light sensor, which automatically adjusts the brightness to the optimal setting depending on ambient lighting, screen content or both.

Benefits

Ergonomic Office – full height adjustability (150 mm), swivel, tilt and pivot functionality ensures perfect individual workspace set-up.

Auto-Adjust Power Consumption – to minimize unnecessary power usage, the Human and Ambient Light Sensors adjust the display brightness according to user presence and room lighting conditions.

Best in form and function – future-ready design with 3-sided ultra-narrow bezel, available in black or white, complementing a fresh professional office interior.

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

Business Class Image Quality – Advanced High-Performance IPS (AH-IPS) panel provides the very best viewing angles as well as noticeably better colour reproduction.

Specifications

Product Information

Product Name

Sharp MultiSync® EA241W

Product Group

LCD 24" Enterprise Display

Order Code

DDEA241W (BK), DDEA241WW (WH)

Display

Panel Technology

IPS TFT with W-LED backlight

Screen Size [inch/cm]

24 / 61

Screen Aspect Ratio

16:10

Pixel Pitch [mm]

0.270

Brightness (typ.) [cd/m²]

300

Contrast Ratio (typ.)

1000:1 (5000:1 dynamic contrast ratio)

Viewing Angle [°]

178 horizontal / 178 vertical (typ. at contrast ratio 10:1)

Response Time (typ.) [ms]

5

Colours [Mio.]

16.77

Synchronisation Rate

Horizontal Frequency [kHz]

31.5 - 95

Vertical Frequency [Hz]

56 - 75

Resolution

Optimum Resolution

1920 x 1200 at 60 Hz

Supported

1024 x 768;	1400 x 1050;	1920 x 1200;
1280 x 1024;	1440 x 900;	640 x 480;
1280 x 960;	1600 x 1200;	800 x 600
1366 x 768;	1680 x 1050;	

Connectivity

Digital

1 x DisplayPort; 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); 20 (typ.); 47 (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

Ergonomics

Height adjustable stand [mm]

150

Screen Tilt / Swivel [°]

-5 to +35; -170 to +170

Screen Rotate [°]

-90 to 90 (landscape to portrait mode)

Mechanical

Bezel Width [mm]

0.8 (left/right/top)

Dimensions (W x H x D) [mm]

With stand: 531.5 x 515.4 x 250

Weight [kg]
6.7

VESA Mounting [mm]
100 x 100

Additional Features

Special Characteristics

Ambient light sensor for optimized brightness levels; Carbon Footprint Meter; Carbon Savings Meter; ControlSync®; Customize Setting; DICOM preset; EcoModes; Human Sensor; LED Backlight Technology; NaViSet Administrator 2; Quick release Stand and Handle; sRGB Support; 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

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; EAC; EnergyStar 8.0; ErP; Flicker-free; ISO 9241-307 (pixel failure class I); Low Blue Light; PSB; RoHS; TCO 8.0; TÜV Ergonomics; TÜV GS; UL/C-UL or CSA; WEEE

Warranty

3 years warranty incl. backlight; optional 1st to 3rd year 24/7 usage warranty; optional 4th to 5th year warranty extension

Green Features

Energy Efficiency

Ambient light sensor; Energy consumption: 12 kWh/1000 h; Energy efficiency class: C; Human sensor; Intelligent power management

Ecological Materials

Downloadable manuals

Ecological Standards

Energy Star 8.0; TCO 8.0

* EnergyStar 8.0
* TCO 8.0



TÜV Ergonomics



CE



RoHS



ErP



TÜV GS



TCO 8.0