



### 24.5" Full HD monitor with 1ms response time and USB HUB

The ProLite E2591HSU is a 24.5" Full HD 1920 x 1080p LED-backlit monitor. It features 1ms response time and 80M:1 Advanced Contrast Ratio assuring clear and vibrant picture quality. Triple Input support of analogue, HDMI and DisplayPort ensures compatibility with the latest installed graphics cards and embedded notebook outputs. The monitor is Energy Star and TCO Certified. A reliable solution for home and office use.



Full HD

With true 1920 x 1080p resolution your monitor is ready to display high definition images. This means you can accommodate more information on your screen; e.g. 60% more in comparison to a 1280 x 1024 monitor.



ACR

Contrast Ratio is a measurement of the difference between the darkest black and the brightest white your monitor can display. Advanced Contrast Ratio is a feature that automatically adjusts contrast and brightness of the screen to assure perfect picture quality while watching films and playing games.

## 01 DISPLAY CHARACTERISTICS

|                     |                                                                       |
|---------------------|-----------------------------------------------------------------------|
| Diagonal            | 24.5", 62.2cm                                                         |
| Panel               | TN LED, matte finish                                                  |
| Native resolution   | 1920 x 1080 @75Hz (2.1 megapixel Full HD, HDMI&DisplayPort)           |
| Aspect ratio        | 16:9                                                                  |
| Brightness          | 250 cd/m <sup>2</sup> typical                                         |
| Static contrast     | 1000:1 typical                                                        |
| Advanced contrast   | 80M:1                                                                 |
| Response time       | 1ms                                                                   |
| Viewing zone        | horizontal/vertical: 170°/160°, right/left: 85°/85°, up/down: 80°/80° |
| Colour support      | 16.7mIn 8bit (6bit + Hi-FRC) (sRGB: 99%; NTSC: 72%)                   |
| Horizontal Sync     | 30 - 80kHz                                                            |
| Vertical Sync       | 40 - 75Hz                                                             |
| Viewable area W x H | 543.74 x 302.61mm, 21.4 x 11.9"                                       |
| Pixel pitch         | 0.283mm                                                               |
| Colour              | matte, black                                                          |

## 02 INTERFACES / CONNECTORS / CONTROLS

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Signal input        | VGA x1 (max. 1920 x 1080 @60Hz)<br>HDMI x1 (max. 1920 x 1080 @75Hz)<br>DisplayPort x1 (max. 1920 x 1080 @75Hz) |
| USB HUB             | x2 (v.2.0)                                                                                                     |
| HDCP                | yes                                                                                                            |
| Headphone connector | yes                                                                                                            |

## 03 FEATURES

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Blue light reducer | yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Flicker free       | yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| FreeSync support   | HDMI&DisplayPort @40-75Hz                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| OSD languages      | EN, DE, FR, ES, IT, CN, RU, JP, CZ, NL, PL                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Control buttons    | Power, Menu/ Select, Scroll down/ Volume, Scroll up/ ECO Mode, Exit, Input                                                                                                                                                                                                                                                                                                                                                                                                     |
| User controls      | picture adjust (contrast, brightness, OverDrive, ACR, ECO, Blue Light Reducer, Black Tuner, colour saturation, gamma), input select, audio adjust (volume, mute, digital audio), store user settings, colour adjust, manual image adjust (i-Style colour, sharpness, HDMI RGB range, video mode adjust, geometry (auto adjust, H. position, V. position, clock, phase)), language, setup menu (OSD position, OSD time out, opening logo, FreeSync), display information, reset |
| Speakers           | 2 x 2W                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Convenience        | Kensington-lock™ prepared, DDC2B, Mac OSX                                                                                                                                                                                                                                                                                                                                                                                                                                      |

## 04 MECHANICAL

|                              |                 |
|------------------------------|-----------------|
| Display position adjustments | tilt            |
| Tilt angle                   | 22° up; 5° down |
| VESA mounting                | 100 x 100mm     |

## 05 ACCESSORIES INCLUDED

|        |                  |
|--------|------------------|
| Cables | power, USB, HDMI |
|--------|------------------|

Other

quick start guide, safety guide

## 06 POWER MANAGEMENT

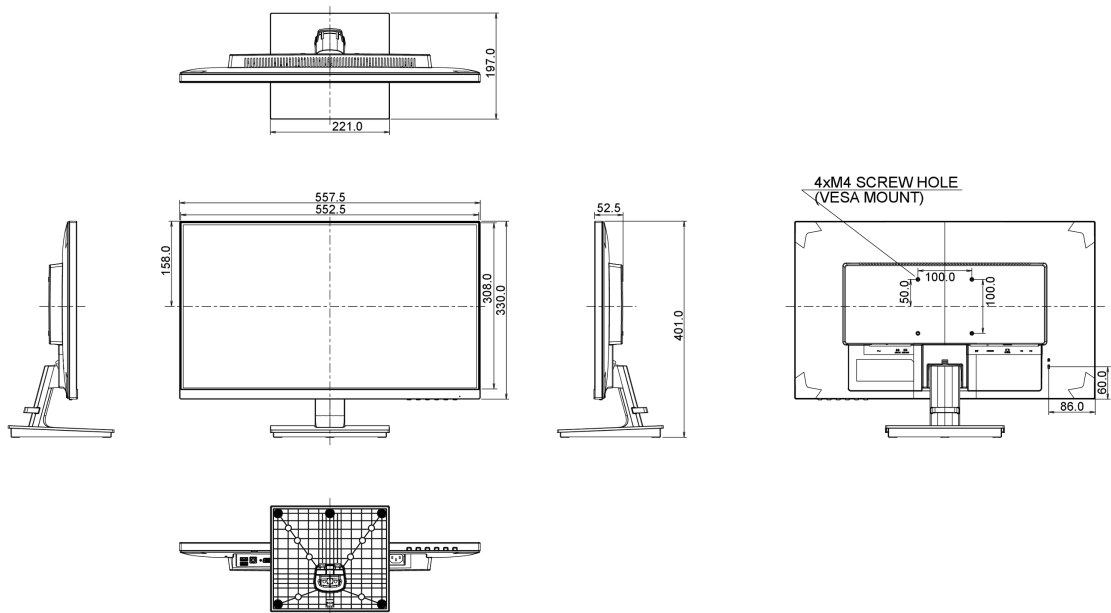
|                   |                            |
|-------------------|----------------------------|
| Power supply unit | internal                   |
| Power supply      | AC 100 - 240V, 50/60Hz     |
| Power usage       | 18W typical, 0.5W stand by |

## 07 SUSTAINABILITY

|                         |                                   |
|-------------------------|-----------------------------------|
| Regulations             | TCO, CE, TÜV-GS, Energy Star , CU |
| Energy efficiency class | A+                                |

## 08 DIMENSIONS / WEIGHT

|                              |                     |
|------------------------------|---------------------|
| Product dimensions W x H x D | 557.5 x 401 x 197mm |
| Weight (without box)         | 4kg                 |
| EAN code                     | 4948570115440       |



## 09 EU ENERGY EFFICIENCY LABEL

|                           |                            |
|---------------------------|----------------------------|
| Manufacturer              | iiyama                     |
| Model                     | ProLite E2591HSU-B1        |
| Energy efficiency class   | A+                         |
| Visible screen diagonal   | 62cm; 24.5"; (25" segment) |
| ON mode power consumption | 19.6W                      |
| Annual energy consumption | 29kWh/annum*               |

Power in Standby

0.5W stand by

Resolution

1920 x 1080

*This is information under Regulation (EU) No 1062/2010. \*Based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.*

*All trademarks and registered trademarks acknowledged. E & O E. Specification subject to change without notice. All LCD's comply with ISO-9241-307:2008 in connection with pixel defects.*

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