

**55" Professional Digital Signage display with an 24/7 operating time and 2500cd/m<sup>2</sup> brightness**

Enjoy the sun with the ProLite LH5510HSHB. A professional high-brightness Full HD (1920x1080) digital signage display with 2500cd/m<sup>2</sup> for a crystal-clear image in any brightly-lit environment. Featuring a non-blackening IPS M+ LED panel for exceptional and long-lasting colour and image performance and a 50% lower power consumption than industry average.

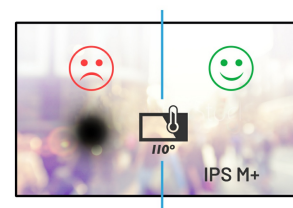
The LH5510HSHB comes with a landscape and portrait orientation and 24/7 operating time, offering businesses an effective and energy-efficient solution to help capture their audience's attention in even the brightest of places.

Also available in 75": Prolite [LH7510USHB-B1](#)



**Sunlight readable**

This display features a high-brightness which makes it ideal for brightly-lit environments and sunny locations such as shop windows. The high-brightness ensures that your content is always clearly visible even when the sun is shining directly on your display.



**LED blackening effect free**

LED blackening or solar clearing happens when a regular LED display is installed in a location with direct sunlight on the display. The sunlight will heat-up the display and cause the LED's to discolour and eventually turn black. A blackening effect free LED panel is specially designed to withstand higher temperatures up to 110 degrees Celsius of the LED panel preventing discolouration of the LED cells because of direct sunlight exposure.

## 01 DISPLAY CHARACTERISTICS

|                                  |   |
|----------------------------------|---|
| Diagonal                         | 55", 138.8cm  |
| Panel                            | IPS M+ LED, matte finish  |
| Native resolution                | 1920 x 1080 @60Hz (2.1 megapixel Full HD)                             |
| Aspect ratio                     | 16:9  |
| Brightness                       | 2500 cd/m <sup>2</sup> typical  |
| Static contrast                  | 1000:1 typical  |
| Response time                    | 9ms   |
| Viewing zone                     | horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89° |
| Colour support                   | 16.7mln 8bit  |
| Horizontal Sync                  | 30 - 83KHz  |
| Vertical Sync                    | 50 - 76Hz   |
| Viewable area W x H              | 1209.6 x 680.4mm, 47.6 x 26.8"  |
| Bezel width (sides, top, bottom) | 15.3mm, 15.3mm, 15.3mm  |
| Pixel pitch                      | 0.630mm   |
| Bezel colour and finish          | black, matte  |

## 02 INTERFACES / CONNECTORS / CONTROLS

|                       |   |
|-----------------------|---|
| Analog signal input   | VGA x1 (max. 1920x1080 @30Hz)   |
| Digital signal input  | DVI x1 (max 1920x1080 @30hz)<br>HDMI x1 (max 1920x1080 @30hz)<br>DisplayPort x1 (max 1920x1080 @30hz) |
| Audio input           | Mini jack x1  |
| Monitor control input | RS-232c x1  |
| Audio output          | Speakers 2 x 5W   |
| HDCP                  | yes   |

## 03 FEATURES

|                              |   |
|------------------------------|---|
| Extra                        | LCD Blacking Defect Free (H-Tni 110 <sup>0</sup> ), handles, portrait orientation left and right, Sunlight readable |
| Max. non-stop operating time | 24/7  |
| Housing (bezel)              | metal   |
| Brightness sensor            | yes   |

## 04 GENERAL

|                 |   |
|-----------------|---|
| OSD languages   | EN  |
| Control buttons | Power, Up / Input Select, Menu, Down/ Brightness  |
| User controls   | brightness (OSD brightness, ambient light sensor OSD offset, brightness, contrast, exit), signal select, sound (volume, mute, exit), colour (sRGB, colour temperature, exit), image (auto adjustment, clock, phase, H. position, V. position, exit), tools (OSD control, reset, sharpness, 640/720, exit), exit |
| Plug&Play       | DDC2B, Mac OSX  |

## 05 MECHANICAL

|                |                     |
|----------------|---------------------|
| Orientation    | landscape, portrait |
| Fanless design | yes                 |

|                             |                          |
|-----------------------------|--------------------------|
| VESA mounting               | 400 x 200mm, 400 x 300mm |
| Operation temperature range | 0°C - 50°C               |
| Storage temperature range   | - 20°C - 60°C            |
| MTBF                        | 100000 hours             |

## 06 ACCESSORIES INCLUDED

|        |   |
|--------|---|
| Cables | power (1.8m), HDMI (1.8m), RS-232c (2.5m) |
| Guides | quick start guide, safety guide           |
| Other  | light sensor cable                        |

## 07 POWER MANAGEMENT

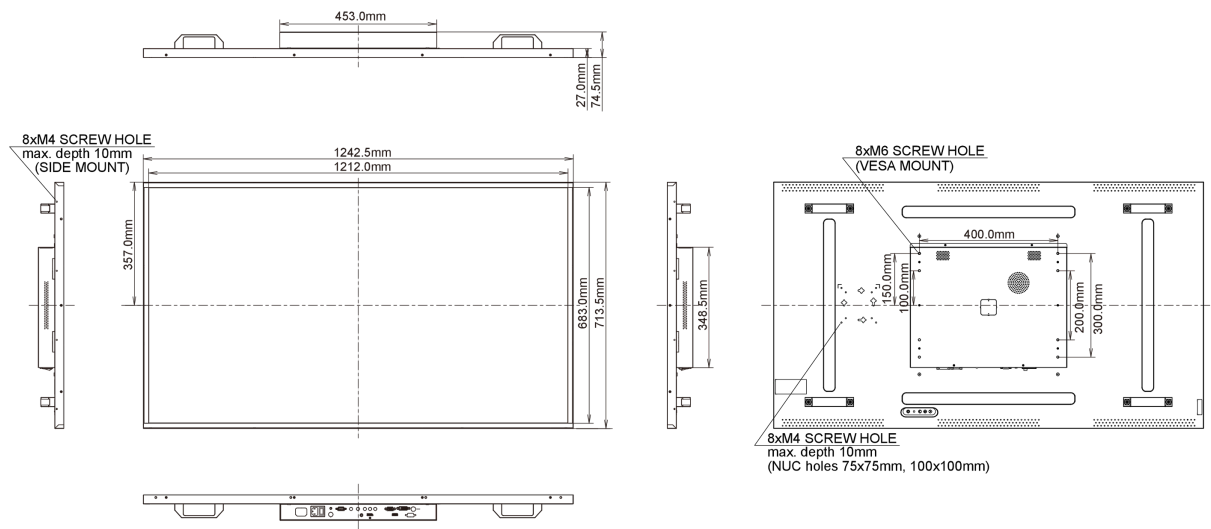
|                   |                             |
|-------------------|-----------------------------|
| Power supply unit | internal                    |
| Power supply      | AC 100 - 240V, 50/60Hz      |
| Power usage       | 175W typical, 0.5W stand by |

## 08 SUSTAINABILITY

|                         |  |
|-------------------------|--|
| Regulations             | CB, CE, TÜV-Bauart, ErP, WEEE, CU, REACH |
| Energy efficiency class | C  |
| Other                   | REACH SVHC above 0.1%: Lead              |

## 09 DIMENSIONS / WEIGHT

|                              |                         |
|------------------------------|-------------------------|
| Product dimensions W x H x D | 1242.6 x 713.6 x 74.3mm |
| Box dimensions W x H x D     | 1386 x 835 x 212mm      |
| Weight (without box)         | 37.5kg                  |
| EAN code                     | 4948570116614           |



## 10 EU ENERGY EFFICIENCY LABEL

|                           |                             |
|---------------------------|-----------------------------|
| Manufacturer              | iiyama                      |
| Model                     | ProLite LH5510HSHB-B1       |
| Energy efficiency class   | C                           |
| Visible screen diagonal   | 139cm; 54.6"; (55" segment) |
| ON mode power consumption | 174.9W                      |
| Annual energy consumption | 255kWh/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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