



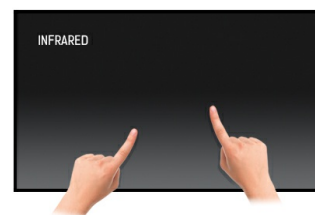
**55" professional 24/7 touch display with 20 compatible touch points**

Incorporating the InfraRed touch technology along with supreme IPS panel colour performance, this display offers the optimum performance for a truly multi-user interactive experience. With the ability to handle up to 20 individual touch points, the TH5565MIS-B1AG offers an exceptional capacity within Retail, Education, Training, Corporate and B2B markets. Features include an ambient light sensor delivering optimal picture quality with the added benefit of saving on power. Incorporating 4mm Protection Glass and AG-coating the display can handle harshest environments from the classroom to Public Domain Retail installation. Landscape and Portrait friendly, with OSD portrait mode support, TH5565MIS-B1AG is designed for a continuous operation. A perfect solution for Interactive Digital Signage.



**IPS**

IPS technology offers higher contrast, darker blacks and much better viewing angles than standard TN technology. The screen will look good no matter what angle you look at it.



**Touch technology - Infrared**

The infrared technology uses infrared backlight. A touch event is registered with great accuracy when the infrared light is blocked by finger or stylus. This technology does not rely on an overlay or substrate, so it is impossible to physically "wear out" the touchscreen. Moreover the display characteristics remain virtually unaffected by the touch functionality.

## 01 DISPLAY CHARACTERISTICS

|                         |   |
|-------------------------|---|
| Diagonal                | 54.6", 138.8cm  |
| Panel                   | IPS LED, AG coated glass  |
| Native resolution       | 1920 x 1080 (2.1 megapixel Full HD)                                   |
| Aspect ratio            | 16:9  |
| Brightness              | 450 cd/m <sup>2</sup> typical   |
| Brightness              | 400 cd/m <sup>2</sup> with touch                                      |
| Static contrast         | 1100:1 typical  |
| Light transmittance     | 88%   |
| Response time           | 12ms  |
| Viewing zone            | horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89° |
| Colour support          | 16.7mln 8bit (6bit + Hi-FRC)  |
| Horizontal Sync         | 30 - 83KHz  |
| Vertical Sync           | 50 - 76Hz   |
| Viewable area W x H     | 1209.6 x 680.4mm, 47.6 x 26.8"  |
| Pixel pitch             | 0.63mm  |
| Bezel colour and finish | black, matte  |

## 02 TOUCH

|                             |   |
|-----------------------------|---|
| Touch technology            | infrared  |
| Touch points                | 20 (HID, only with supported OS)  |
| Touch method                | stylus, finger, glove   |
| Touch interface             | USB   |
| Supported operating systems | All iiyama monitors are Plug & Play and compatible with Windows and Linux. For details regarding the supported OS for the touch models, please refer to the driver instruction file available in the downloads section. |

## 03 INTERFACES / CONNECTORS / CONTROLS

|                        |  |
|------------------------|--|
| Analog signal input    | VGA x1<br>Component video x1<br>RCA Composite x1 |
| Digital signal input   | HDMI x3  |
| Audio input            | RCA (L/R) x1<br>Mini jack x1                     |
| Monitor control input  | RS-232c x1<br>RJ45 (LAN) x1<br>IR x1             |
| Analog signal output   | Component video x1<br>RCA Composite x1           |
| Digital signal output  | HDMI x1 (daisy chain)                            |
| Audio output           | RCA (L/R) x1<br>Speakers 2 x 10W                 |
| Monitor control output | RS-232c x1<br>IR loop through x1                 |
| HDCP                   | yes  |

## 04 FEATURES

|                              |      |
|------------------------------|------|
| Max. non-stop operating time | 24/7 |
|------------------------------|------|

|                   |       |
|-------------------|-------|
| Glass thickness   | 4mm   |
| Housing (bezel)   | metal |
| Brightness sensor | yes   |

## 05 GENERAL

|               |   |
|---------------|---|
| OSD languages | EN, DE, FR, CN, RU, JP, CZ, NL, PL  |
| User controls | picture (picture mode, backlight, contrast, brightness, saturation, hue, sharpness, sharpness booster, colour temp., noise reduction, reset, adv. colour settings, base colour adj., adaptive contrast, ambient light sensor) sound (balance, adv. sound settings, HDMI audio, spectrum analyser, media player, schedule, display wall) setting (language, network settings, control setting, set monitor ID, energy saving settings, aspect, VGA settings, freeze, blue screen, touch feature, anti image retention, OSD rotation, OSD info box, IR out, opening logo, information, all reset) |
| Plug&Play     | DDC2B   |

## 06 MECHANICAL

|                |                     |
|----------------|---------------------|
| Orientation    | landscape, portrait |
| Fanless design | yes                 |
| VESA mounting  | 400 x 400mm         |

## 07 ACCESSORIES INCLUDED

|                |                                 |
|----------------|---------------------------------|
| Cables         | power, VGA, USB, HDMI           |
| Touch pen      | x3                              |
| Guides         | quick start guide, safety guide |
| Remote control | yes (batteries included)        |

## 08 POWER MANAGEMENT

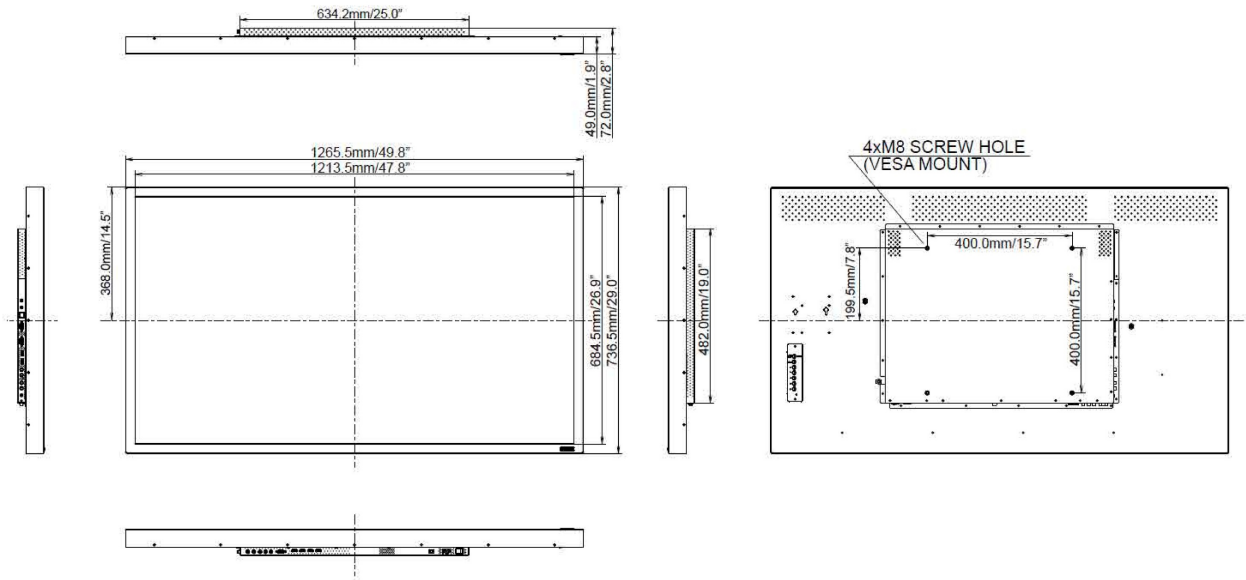
|                   |  |
|-------------------|--|
| Power supply unit | internal                                   |
| Power supply      | AC 100 - 240V, 50/60Hz                     |
| Power usage       | 106W typical, 0.5W stand by, 0.5W off mode |

## 09 SUSTAINABILITY

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

## 10 DIMENSIONS / WEIGHT

|                              |                       |
|------------------------------|-----------------------|
| Product dimensions W x H x D | 1265.6 x 736.5 x 72mm |
| Weight (without box)         | 37.5kg                |
| EAN code                     | 4948570114733         |



## 11 EU ENERGY EFFICIENCY LABEL

|                         |                        |
|-------------------------|------------------------|
| Manufacturer            | iiyama                 |
| Model                   | ProLite TH5565MIS-B1AG |
| Energy efficiency class | B                      |
| Power in Standby        | 0.5W stand by          |
| Resolution              | 1920 x 1080            |

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