



## 86" Interactive 4K UHD LCD Touchscreen with integrated annotation software

Captivate your audience with the ProLite TE8604MIS-B3AG; a perfect solution for educational and corporate use. This 86" PureTouch-IR 20-point touchscreen with iiWare 9.0 (Android OS 9.0) is featuring Note, web browser, file manager, cloud drives, WPS office and ScreenSharePro. It comes with dual function touch pens, allowing users to annotate easily in 4K on files and on-screen content which can be saved directly to a USB device, 32GB internal memory or a selected cloud drive. The display supports playback of presentations, high-resolution video and almost any other type of content. Now with additional USB-C connection to support the latest in video, audio and touch signal via a single port and even charge your device with 65W power delivery.

The high-quality commercial IPS LCD screen with a 4K UHD resolution (3840x2160), 400cd/m<sup>2</sup> and a contrast ratio of 1200:1 provide vibrant, detailed and high-quality images from anywhere in the class or meeting room. The anti-glare coating drastically reduces ambient reflection in high-brightness environments without compromising the sharpness and clarity of the image. The screen has a 24/7 non-stop operating time and is equipped with an all-metal bezel, 3mm thick hardened glass to ensure robust durability in high-use environments such as classrooms or meeting rooms.



PureTouch-IR

Delivers 1mm Touch accuracy for the smoothest and fastest annotation with 40pt infrared Touch technology.



iiWare

iiWare 9.0 features Note, Browser, Cloud Drive and the option for you to sideload relevant apps you require for your organisation.

## 01 DISPLAY CHARACTERISTICS

|                                  |                                                                       |
|----------------------------------|-----------------------------------------------------------------------|
| Design                           | Thin bezel                                                            |
| Diagonal                         | 85.6", 217.4cm                                                        |
| Panel                            | IPS, direct LED, AG coated glass, zero air-gap, haze 28%              |
| Native resolution                | 3840 x 2160 (8.3 megapixel 4K UHD)                                    |
| Aspect ratio                     | 16:9                                                                  |
| Panel brightness                 | 400 cd/m <sup>2</sup>                                                 |
| Light transmittance              | 88%                                                                   |
| Static contrast                  | 1200:1                                                                |
| Dynamic contrast                 | 3500:1                                                                |
| Response time (GTG)              | 8ms                                                                   |
| Viewing zone                     | horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89° |
| Colour support                   | 1.07B 8bit+FRC                                                        |
| Horizontal Sync                  | 30 - 135kHz                                                           |
| Viewable area W x H              | 1895 x 1066mm, 74.6 x 42"                                             |
| Bezel width (sides, top, bottom) | 14mm, 14mm, 43mm                                                      |
| Pixel pitch                      | 0.4935mm                                                              |
| Bezel colour and finish          | black, matte                                                          |

## 02 TOUCH

|                             |                                                                                                                                                                                                                         |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Touch technology            | PureTouch-IR                                                                                                                                                                                                            |
| Touch points                | 20, 10pt writing (HID, only with supported OS)                                                                                                                                                                          |
| Touch accuracy              | +/- 1mm                                                                                                                                                                                                                 |
| 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 (max. 1920x1080 @60Hz)                                                                                      |
| Digital signal input  | HDMI x3 (v.2.0, max. 3840x2160 @60Hz, YUV444)<br>USB-C x1 (3.1, 3840x2160 @60Hz - RGB444 - (65W charging, Touch)   |
| Audio input           | Mini jack x1                                                                                                       |
| Monitor control input | RS-232c x1 (DSUB 9pin)<br>RJ45 (LAN) x1 (LAN Control)<br>IR x1                                                     |
| Audio output          | S/PDIF (Optical) x1<br>Mini jack x1<br>Speakers 2 x 16W                                                            |
| HDCP                  | v.2.2                                                                                                              |
| USB ports             | x6 (media playback / peripherals / storage – front side: 2x v.3.0, right side: 2x v.3.0, 1x v.2.0, 1x USB-C v.3.1) |
| RJ45 (LAN)            | x2 (Auto switch for PC & Android, 1000MB)                                                                          |

## 04 FEATURES

|                                     |                                                                                                                                                                                   |
|-------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Integrated software</b>          | iiWare 9.0 (Android OS 9.0) featuring Note, web browser, file manager, cloud drives, WPS office, BytelloShare and EShare for wireless connection with Windows/iOS/Android devices |
| <b>WiFi</b>                         | yes (Dual WiFi Bandwidth: 2.4GHz/5GHz, WiFi Standard: IEEE 802.11 a/b/g/n/ac, Bluetooth Support: 2.1/3.0/4.2/5.0)                                                                 |
| <b>Hardware</b>                     | Quad core A73 CPU, Mali G52 GPU, 4GB RAM, 32GB internal memory                                                                                                                    |
| <b>Extra</b>                        | 4x Touch pen                                                                                                                                                                      |
| <b>Kiosk mode</b>                   | yes                                                                                                                                                                               |
| <b>Max. non-stop operating time</b> | 24/7                                                                                                                                                                              |
| <b>Media playback</b>               | yes                                                                                                                                                                               |
| <b>Glass thickness</b>              | 3mm                                                                                                                                                                               |
| <b>Glass hardness</b>               | 7H                                                                                                                                                                                |
| <b>Housing (bezel)</b>              | metal                                                                                                                                                                             |
| <b>OSD key lock</b>                 | yes                                                                                                                                                                               |

## 05 GENERAL

|                           |                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OSD languages</b>      | EN, DE, FR, ES, IT, RU, CZ, NL, PL                                                                                                                                                                                                                                                                                                                                                           |
| <b>Control buttons</b>    | Power, Power Indicator, Remote Sensor, Light Sensor                                                                                                                                                                                                                                                                                                                                          |
| <b>User controls</b>      | general settings (input, volume, backlight), audio settings (volume, bass, treble, balance, sound mode, mute), screen settings (aspect ratio, pixel shift), display settings (brightness, contrast, hue, sharpness, display mode, colour temp.), adjust settings (H-position, V-position, clock, phase, auto), settings (wireless & networks, personal, input & output, application, system) |
| <b>Blue light reducer</b> | yes                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Plug&amp;Play</b>      | DDC2B                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Warranty</b>           | 5 years (for details and eligible countries please check the Warranty section of our website)                                                                                                                                                                                                                                                                                                |

## 06 MECHANICAL

|                                    |                                    |
|------------------------------------|------------------------------------|
| <b>Orientation</b>                 | landscape                          |
| <b>Fanless design</b>              | yes                                |
| <b>VESA mounting</b>               | 800 x 600mm                        |
| <b>Operation temperature range</b> | 0°C - 40°C                         |
| <b>Storage temperature range</b>   | - 20°C - 60°C                      |
| <b>MTBF</b>                        | 50.000 hours (excluding backlight) |

## 07 ACCESSORIES INCLUDED

|                       |                                                       |
|-----------------------|-------------------------------------------------------|
| <b>Cables</b>         | power, USB, HDMI                                      |
| <b>Touch pen</b>      | x4 (Dual function tips)                               |
| <b>Guides</b>         | quick start guide, safety guide                       |
| <b>Other</b>          | Mounting bracket for NUC, Mounting bracket for webcam |
| <b>Remote control</b> | yes (batteries included)                              |

## 08 POWER MANAGEMENT

|                          |                                            |
|--------------------------|--------------------------------------------|
| <b>Power supply unit</b> | internal                                   |
| <b>Power supply</b>      | AC 100 - 240V, 50/60Hz                     |
| <b>Power usage</b>       | 359W typical, 0.5W stand by, 0.3W off mode |

## 09 SUSTAINABILITY

### Regulations

CB, CE, TÜV-Bauart, EAC, RoHS support, ErP, WEEE, REACH (RoHS)

### REACH SVHC

above 0.1%: Lead

## 10 DIMENSIONS / WEIGHT

### Product dimensions W x H x D

1957 x 1160 x 86mm

### Box dimensions W x H x D

2110 x 225 x 1283mm

### Weight (without box)

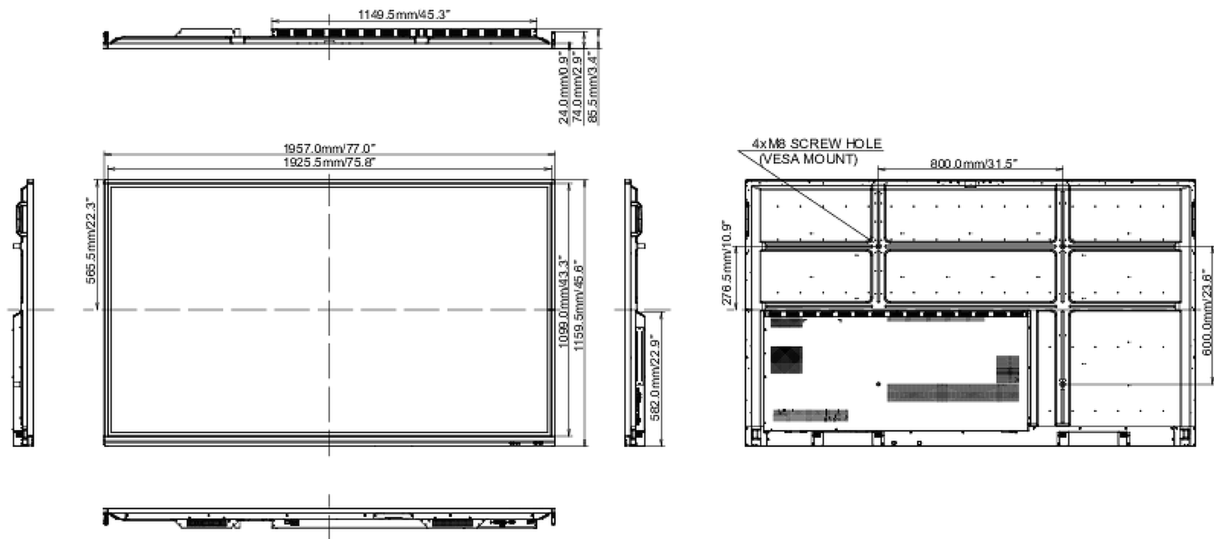
64.7kg

### Weight (with box)

81.2kg

### EAN code

4948570120444



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.

© IIYAMA CORPORATION. ALL RIGHTS RESERVED