



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

Share Your Vision with the ProLite TE8604MIS-B1AG; a perfect solution for educational and corporate use. Its 86" PureTouch-IR 20-point touchscreen with iiWare 9.0 (Android OS) 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), 350cd/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.

Share, stream and edit content from any device directly on screen and transform your team meetings or lessons into an easy, fast and seamless interactive session with the included WiFi module ([OWM002](#)), the ScreenSharePro and EShare app.



### PureTouch-IR

PureTouch-IR from iiyama delivers 1mm touch accuracy for the smoothest and fastest annotation.



### iiWare

iiWare 9.0 features Note, Browser, Cloud Drive and the option for you to sideload absolutely any app you require for your organisation.

## 01 DISPLAY CHARACTERISTICS

|                                  |   |
|----------------------------------|---|
| Design                           | Thin bezel  |
| Diagonal                         | 86", 217.4cm  |
| Panel                            | IPS, AG coated glass, zero air-gap                                    |
| Native resolution                | 3840 x 2160 (8.3 megapixel 4K UHD)                                    |
| Aspect ratio                     | 16:9  |
| Brightness                       | 350 cd/m² typical   |
| Static contrast                  | 1200:1 typical  |
| Light transmittance              | 88%   |
| 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 10bit   |
| Horizontal Sync                  | 30 - 80kHz  |
| 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 (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 (2.0 - max. 3840x2160 @60Hz, RGB444)<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)  |
| Digital signal output | HDMI x1 (2.0, 3840x2160 @60Hz - RGB444/YUV444)   |
| Audio output          | S/PDIF (Optical) x1<br>Mini jack x1<br>Speakers 2 x 16W  |
| HDCP                  | yes  |
| USB ports             | x5 (media playback / peripherals / storage – front side: 2x v.3.0, right side: 2x v.3.0, 1x USB-C v.3.1)         |
| RJ45 (LAN)            | x2 (Auto switch for PC & Android, 1000MB)  |

## 04 FEATURES

|                              |   |
|------------------------------|---|
| Integrated software          | iiWare 9.0 (Android OS) featuring Note, web browser, file manager, cloud drives, WPS office, ScreenSharePro and EShare for wireless connection with Windows/iOS/Android devices |
| WiFi                         | yes (WiFi Module OWM002 - 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)  |
| Hardware                     | Quad core A73 CPU, Mali G52 GPU, 4GB RAM, 32GB internal memory  |
| Extra                        | Ambient Light Sensor  |
| Kiosk mode                   | yes   |
| Max. non-stop operating time | 24/7  |
| Media playback               | yes   |
| Glass thickness              | 3mm   |
| Glass hardness               | 7H  |
| Housing (bezel)              | metal   |
| OSD key lock                 | yes   |

## 05 GENERAL

|               |   |
|---------------|---|
| OSD languages | EN, DE, FR, ES, IT, RU, CZ, NL, PL  |
| User controls | common settings (input, volume, backlight), audio settings (volume, bass, treble, balance, sound mode, mute), screen settings (aspect ratio, pixel shift, eye care, auto light, ECO, ECR), 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) |
| Plug&Play     | DDC2B   |
| Warranty      | 5 years (for details and eligible countries please check the Warranty section of our website)   |

## 06 MECHANICAL

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

## 07 ACCESSORIES INCLUDED

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

## 08 POWER MANAGEMENT

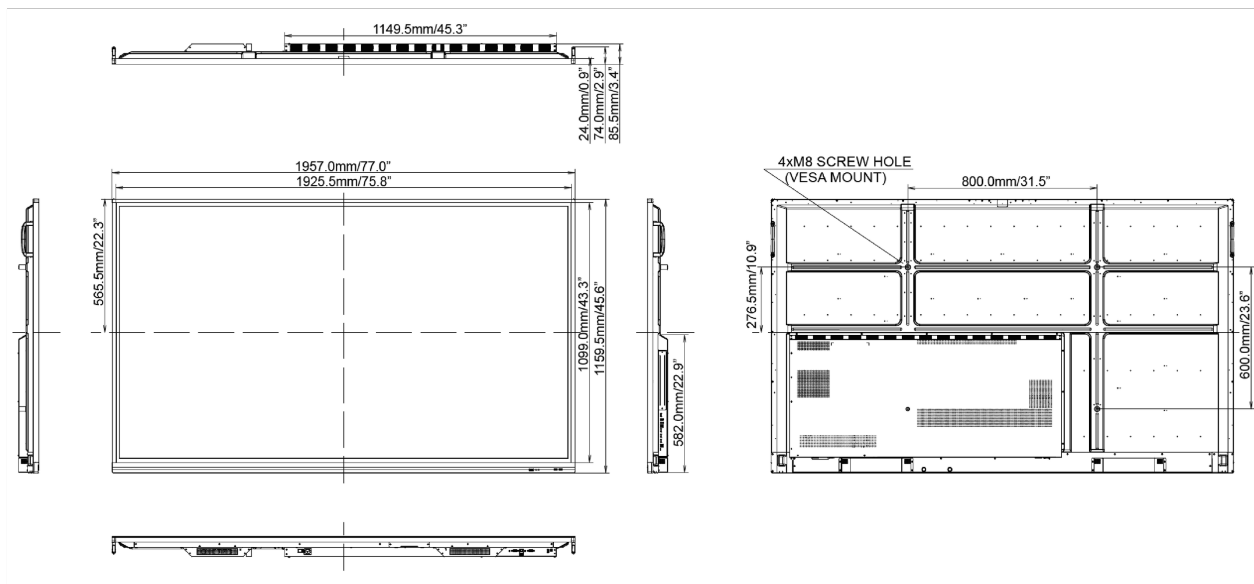
|                   |  |
|-------------------|--|
| Power supply unit | internal                                   |
| Power supply      | AC 100 - 240V, 50/60Hz                     |
| Power usage       | 390W typical, 0.5W stand by, 0.5W off mode |

## 09 SUSTAINABILITY

## 10 DIMENSIONS / WEIGHT

|                              |                     |
|------------------------------|---------------------|
| Product dimensions W x H x D | 1957 x 1159 x 86mm  |
| Box dimensions W x H x D     | 2102 x 1278 x 270mm |
| Weight (without box)         | 64.4kg              |
| Weight (with box)            | 84.3kg              |
| EAN code                     | 4948570118441       |

# TE8604MIS-B1AG



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