



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

Inspire infinite possibilities with the ProLite TE8602MIS-B1AG, a perfect hybrid interactive solution for any room. This 86" 20-point touchscreen with iiWare (Android 9.0 OS) features Note, web browser, file manager, cloud drives, WPS office and ScreenSharePro. The included touch pens allow users to annotate easily on files and on-screen content, which can be saved directly to a USB device, 16GB internal memory or a selected cloud drive. Supporting playback of presentations, high-resolution video and almost any other type of content. This touchscreen has a standard OPS PC Slot to slide in an OPS PC (available from iiyama) and comes with built in front facing speakers.

The high-quality commercial IPS LED screen with a 4K UHD resolution (3840x2160), 350cd/m<sup>2</sup> and a contrast ratio of 1200:1 provides 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 is equipped with an all-metal bezel and 4mm thick hardened glass to ensure robust durability in high-use environments.

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](#)) and ScreenSharePro app.



#### iiWare 8.0 (Android 9.0 OS)

iiWare 8.0 features Note, Browser, Cloud Drive and the option for you to sideload relevant apps you require for your organisation.



#### ScreenSharePro

Screen Share Pro supports AirPlay, Chromecast and Miracast to easily stream content from your device to your 02 and 04 Series and vice versa, back to your notebook, tablet or phone.

## 01 DISPLAY CHARACTERISTICS

|                                  |   |
|----------------------------------|---|
| Design                           | Thin bezel  |
| Diagonal                         | 86", 217.4cm  |
| Panel                            | IPS Direct LED, AG coated glass, haze 25%                             |
| 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 10bit   |
| Horizontal Sync                  | 30 - 80kHz  |
| Viewable area W x H              | 1895 x 1066mm, 74.6 x 42"   |
| Bezel width (sides, top, bottom) | 16mm, 16mm, 44mm  |
| Pixel pitch                      | 0.494mm   |
| Bezel colour and finish          | black, matte  |

## 02 TOUCH

|                             |   |
|-----------------------------|---|
| Touch technology            | infrared  |
| Touch points                | 20 (HID, only with supported OS)  |
| Touch accuracy              | +/- 2mm   |
| 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 x2 (2.0 - max. 3840x2160 @60Hz, RGB444/420)   |
| Audio input           | Mini jack x1   |
| Monitor control input | RS-232c x1 (DSUB 9pin)<br>RJ45 (LAN) x1 (LAN Control)                                    |
| Audio output          | Mini jack x1<br>Speakers 2 x 10W   |
| HDCP                  | yes  |
| USB ports             | x4 (media playback / peripherals / storage – front side: 2x v.2.0, right side: 2x v.2.0) |
| RJ45 (LAN)            | x2 (Auto switch for PC & Android, 1000MB)  |

## 04 FEATURES

|                     |   |
|---------------------|---|
| Integrated software | iiWare 8.0 (Android 9.0 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 A54 CPU, Mali G31 MP2 GPU, 2GB RAM, 16GB internal memory   |
| Extra           | Slot for OPS PC, Ambient light sensor  |
| Kiosk mode      | yes  |
| Media playback  | yes  |
| Glass thickness | 4mm  |
| Glass hardness  | 7H   |
| Housing (bezel) | metal  |
| OSD key lock    | yes  |

## 05 GENERAL

|                 |   |
|-----------------|---|
| OSD languages   | EN, DE, FR, ES, IT, RU, CZ, NL, PL  |
| Control buttons | Power, Light Sensor, USB Connector (2.0)  |
| 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, USB, HDMI  |
| Touch pen      | x2 (Dual function tips)   |
| Guides         | quick start guide, safety guide   |
| Other          | WiFi Module (OWM002), Mounting bracket for NUC, Mounting bracket for webcam |
| Remote control | yes (batteries included)  |

## 08 POWER MANAGEMENT

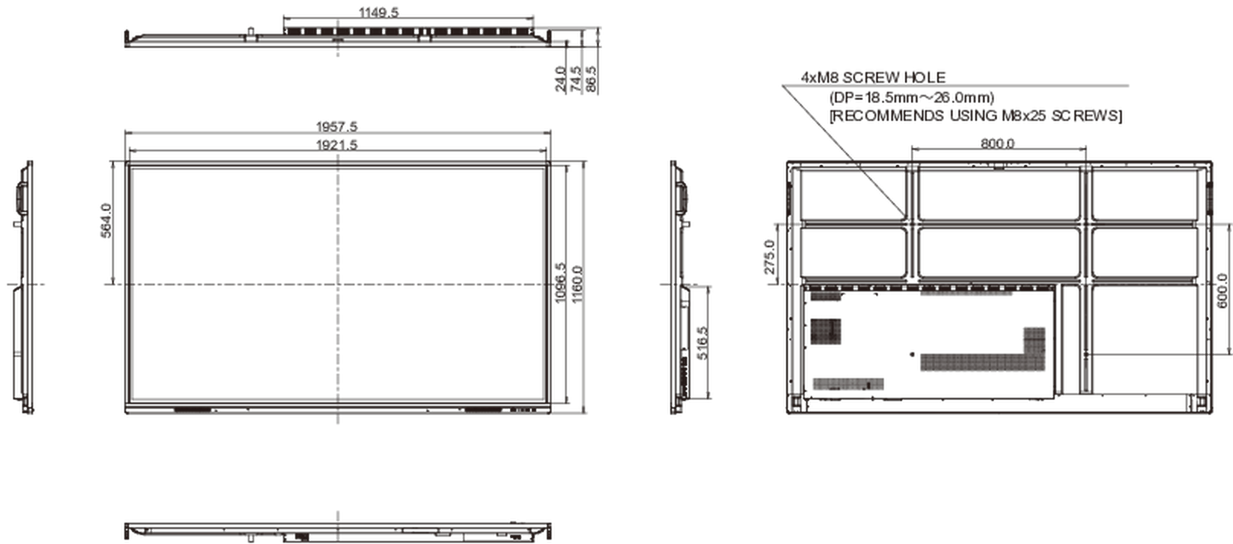
|                   |  |
|-------------------|--|
| Power supply unit | internal                                   |
| Power supply      | AC 180 - 240V, 50/60Hz                     |
| Power usage       | 315W typical, 0.5W stand by, 0.3W off mode |

## 09 SUSTAINABILITY

|             |  |
|-------------|--|
| Regulations | CB, CE, TÜV-Bauart, EAC, RoHS support, ErP, WEEE, REACH (RoHS, lot5) |
| REACH SVHC  | above 0.1%: Lead   |

## 10 DIMENSIONS / WEIGHT

|                              |                     |
|------------------------------|---------------------|
| Product dimensions W x H x D | 1957 x 1160 x 87mm  |
| Box dimensions W x H x D     | 2123 x 280 x 1345mm |
| Weight (without box)         | 66.8kg              |
| Weight (with box)            | 91kg                |
| EAN code                     | 4948570118854       |



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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