



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

Share Your Vision with the ProLite TE5503MIS-B1AG; a perfect solution for educational and corporate use. The 55" infrared 20-point touchscreen with iiWare 8.0 (Android OS) featuring Note, web browser, file manager, cloud drives, WPS office and ScreenSharePro. It comes with dual touch pens, allowing users to annotate easily in 4K on files and on-screen content, which can be saved directly on a USB device, 16gig internal memory or on a connected cloud drive. The display supports playback of presentations, high-resolution video and almost any other type of content.

The high-quality commercial IPS LCD screen with 4K UHD resolution (3840 x 2160 - 8.3 megapixel), 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 3mm thick hardened glass to ensure long 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 ([OWM001](#)) and the ScreenSharePro app.



iiWare 8.0 (Android OS)

iiWare 8.0 features 6 different applications for collaboration and content sharing, plus it contains Note, a web browser, file manager, cloud drive manager, WPS Office and ScreenSharePro. Note is the digital whiteboard app for 4K annotations on screen as well as in content and with ScreensharePro users can share, stream and capture content from any device directly on screen and transform team meetings or lessons into easy, fast and seamless interactive sessions. iiWare supports presentation playback, high-resolution video and almost any other type of content from a USB drive, online or internal memory.



Slot PC

Transform your display into a stand-alone solution with the optional slot PC\*.

No more hassle with cables and having to mount a NUC or PC at the back of the monitor or on the floor lift. Simply slide in an iiyama slot PC (sold separately) and get started right away.

*\*Not suited for OPS Slot PC's.*

## 01 DISPLAY CHARACTERISTICS

|                         |                                                                       |
|-------------------------|-----------------------------------------------------------------------|
| Design                  | Thin bezel                                                            |
| Diagonal                | 55", 138.8cm                                                          |
| Panel                   | IPS Direct LED, AG coated glass                                       |
| Native resolution       | 3840 x 2160 (8.3 megapixel 4K UHD)                                    |
| Aspect ratio            | 16:9                                                                  |
| Panel brightness        | 350 cd/m <sup>2</sup>                                                 |
| Light transmittance     | 88%                                                                   |
| Static contrast         | 1200:1                                                                |
| Dynamic contrast        | 4000:1                                                                |
| 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     | 1209.6 x 680.4mm, 47.6 x 26.8"                                        |
| Pixel pitch             | 0.315mm                                                               |
| 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 x3 (v.2.0, max. 3840x2160 @60Hz (YUV420))                                                        |
| Audio input           | Mini jack x1                                                                                          |
| Monitor control input | RS-232c x1<br>RJ45 (LAN) x1 (Internet for Android only)                                               |
| Digital signal output | HDMI x1 (2.0, 3840x2160 @60Hz)                                                                        |
| Audio output          | S/PDIF (Optical) x1<br>Mini jack x1<br>Speakers 2 x 12W                                               |
| HDCP                  | v.2.2                                                                                                 |
| USB ports             | x6 (media playback / peripherals / storage (front: 2x v.2.0, bottom: 1x v.2.0, right side: 3x v.3.0)) |

## 04 FEATURES

|                     |                                                                                                                                                                         |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Integrated software | iiWare 8.0 (Android OS) featuring Note, web browser, file manager, cloud drives, WPS office and ScreenSharePro for wireless connection with Windows/iOS/Android devices |
| WiFi                | yes (WiFi Module OWM001 - Dual WiFi Bandwidth: 2.4GHz/5GHz, WiFi Standard: 11AC 802.11 a/b/g/n/ac)                                                                      |

|                                     |                                                                                |
|-------------------------------------|--------------------------------------------------------------------------------|
| <b>Hardware</b>                     | Dual core A73+A53 CPU, Quad core Mali G51 GPU, 3 GB RAM, 16 GB internal memory |
| <b>Extra</b>                        | WiFi Module (OWM001), slot for optional slot PC, two touch pens                |
| <b>Kiosk mode</b>                   | yes                                                                            |
| <b>Max. non-stop operating time</b> | 18/7                                                                           |
| <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, USB Connector (3.0)                                                                                                                                                                                                                                                                                             |
| <b>User controls</b>   | general settings (input, volume, backlight), audio (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, share, device, personal, system) |
| <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>               | 400 x 200mm                        |
| <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>      | x2 (ø3 x1 & ø7 x1)              |
| <b>Guides</b>         | quick start guide, safety guide |
| <b>Remote control</b> | yes (batteries included)        |

## 08 POWER MANAGEMENT

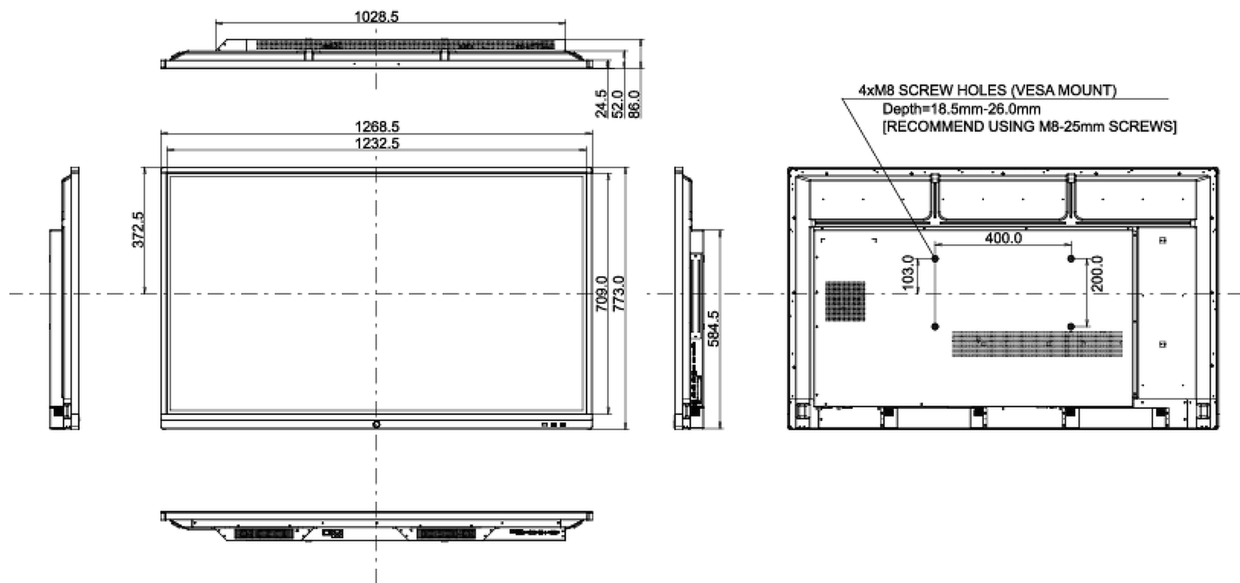
|                          |                                            |
|--------------------------|--------------------------------------------|
| <b>Power supply unit</b> | internal                                   |
| <b>Power supply</b>      | AC 100 - 240V, 50/60Hz                     |
| <b>Power usage</b>       | 160W typical, 0.5W stand by, 0.5W off mode |

## 09 SUSTAINABILITY

|                    |                                                     |
|--------------------|-----------------------------------------------------|
| <b>Regulations</b> | CE, TÜV-Bauart, EAC, RoHS support, ErP, WEEE, REACH |
| <b>REACH SVHC</b>  | above 0.1%: Lead                                    |

## 10 DIMENSIONS / WEIGHT

|                              |                    |
|------------------------------|--------------------|
| Product dimensions W x H x D | 1269 x 773 x 86mm  |
| Box dimensions W x H x D     | 1432 x 881 x 225mm |
| Weight (without box)         | 26.8kg             |
| Weight (with box)            | 34.4kg             |
| EAN code                     | 4948570117390      |



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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