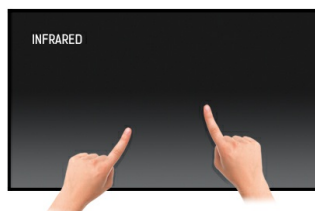## 86'' Interactive 4K UHD LCD Touchscreen with integrated annotation software

The TE8668MIS-B1AG is a perfect solution for educational and corporate use. Its 86" infrared 20-point touchscreen with integrated interactive Note writing software allows users to make annotations on files opened directly from a USB device or internal memory. The display also supports playback of presentations, high-resolution video and almost any other type of content stored on a USB device or internal memory. The high-quality commercial IPS LCD screen with a 4K UHD resolution (3840 x 2160 - 8.3 megapixel) and a contrast ratio of 1200:1 guarantees stunning images with superb image quality from anywhere in the classroom 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 4 mm thick glass to ensure a 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 our WIFI module (OWM001).

### 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.

### 4K

UHD resolution (3840x2160), better known as 4K, offers a gigantic viewable area with 4 times more information and work space than a Full HD screen. Due to the high DPI (dots per inch), it displays an incredibly sharp and crisp image.

## 01  DISPLAY CHARACTERISTICS

| | |
|---|---|
| Diagonal | 85.6", 217.4cm |
| Panel | IPS Direct LED, AG coated glass |
| Native resolution | 3840 x 2160 (8.3 megapixel 4K UHD) |
| Aspect ratio | 16:9 |
| Brightness | 375 cd/m² typical |
| Brightness | 330 cd/m² with touch |
| Static contrast | 1200:1 typical |
| Light transmittance | 88% |
| Response time | 8ms |
| Viewing zone | horizontal/vertical: 178°/178°, right/left: 89°/89°, up/down: 89°/89° |
| Colour support | 1.07B 10bit |
| Horizontal Sync | 30 - 80KHz |
| Vertical Sync | 55 - 75Hz |
| Viewable area W x H | 1895.04 x 1065.96mm, 74.6 x 42" |
| Pixel pitch | 0.4935mm |
| 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>RCA Composite x1 |
| Digital signal input | HDMI x3 (v.2.0 x1, v.1.4a x2)<br>DisplayPort x1 |
| Audio input | Mini jack x1 |
| Monitor control input | RS-232c x1<br>RJ45 (LAN) x1 (Internet for Android only) |
| Digital signal output | HDMI x1 |
| Audio output | S/PDIF (Optical) x1<br>Mini jack x1<br>Speakers 2 x 12W |
| HDCP | yes |
| USB ports | x3 (v.2.0 x2, v.3.0 x1 media playback / peripherals / storage) |

## 04  FEATURES

| | |
|---|---|
| WiFi | optional |
| Extra | integrated, interactive annotation tools and applications allowing to browse the Internet, show documents, presentations, video, etc. |
| Kiosk mode | yes |

| | |
|---|---|
| Max. non-stop operating time | 24/7 |
| Media playback | yes |
| Glass thickness | 4mm |
| Housing (bezel) | metal |

## 05  GENERAL

| | |
|---|---|
| OSD languages | EN, DE, FR, IT, RU, CZ, NL, PL |
| User controls | General settings: Input, Brightness, Volume (volume, bass, treble, balance, sound mode, mute), Screen (aspect ratio, anti burn-in), Display (brightness, contrast, hue, sharpness, picture mode colour temp), Adjust H-position, V-position, clock, phase, auto), Advanced (wireless & networks, ethernet, share, device, display, storage, apps), Personal (security, language & input, start-up and shut-down, password, input setting, other setting), System (date & time, about device) |
| 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 |

## 07  ACCESSORIES INCLUDED

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

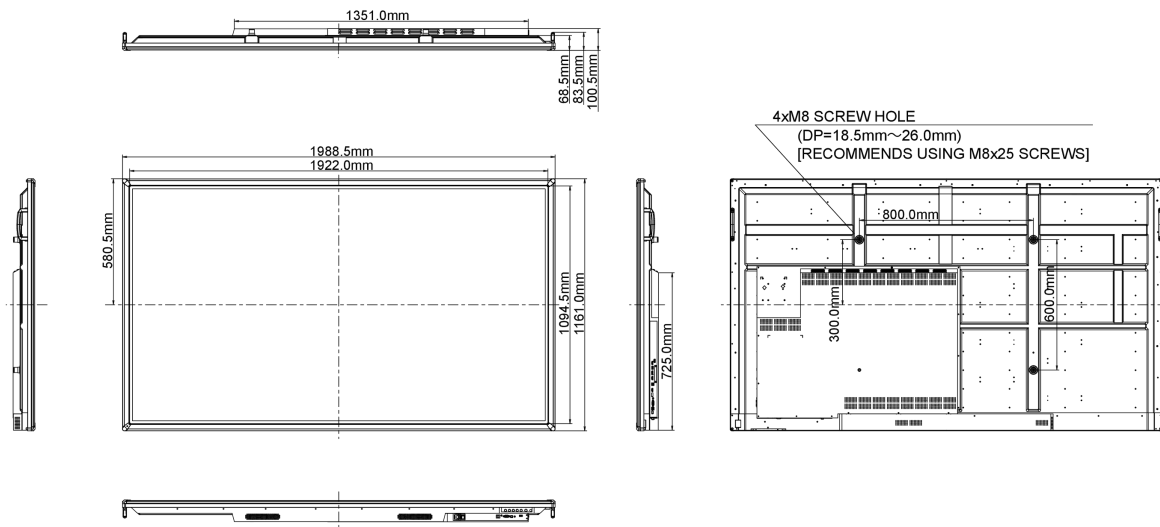## 08  POWER MANAGEMENT

| | |
|---|---|
| Power supply unit | internal |
| Power supply | AC 100 - 240V, 50/604Hz |
| Power usage | 410W typical, 0,5W stand by, 0,5W off mode |

## 09  SUSTAINABILITY

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

## 10  DIMENSIONS / WEIGHT

| | |
|---|---|
| Product dimensions W x H x D | 1988.5 x 1161.0 x 100.5mm |
| Weight (without box) | 76kg |
| EAN code | 4948570115310 |

## 12 EU ENERGY EFFICIENCY LABEL

| Manufacturer | iiyama |
|---|---|
| Model | ProLite TE8668MIS-B1AG |
| Energy efficiency class | C |
| Visible screen diagonal | 217cm; 85.6"; (86" segment) |
| ON mode power consumption | 410.3W |
| Annual energy consumption | 599kWh/annum* |
| Power in Standby | 0,5W stand by |
| Resolution | 3840 x 2160 |

*This is information under Regulation (EU) No 1062/2010.*Based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.*

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