



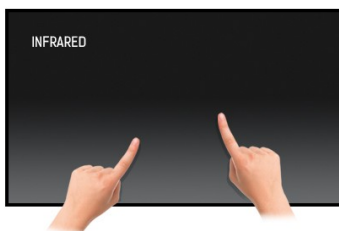
86" Interactive 4K UHD LCD Touchscreen with integrated annotation software

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 class room 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 class rooms 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.

1. DISPLAY CHARACTERISTICS

DIAGONAL	85.6"; 217.4cm
ASPECT RATIO	16 : 9
PANEL	IPS Direct LED, AG coated glass
NATIVE RESOLUTION	4K UHD 3840 x 2160 (8.3 megapixel)
BRIGHTNESS	375 cd/m ² typical
BRIGHTNESS	330 cd/m ² with touch panel
STATIC CONTRAST	1200 : 1 typical
RESPONSE TIME	8ms
VIEWING ZONE	horizontal/vertical: 178° / 178° ; right/left: 89° / 89° ; up/down: 89° / 89°
TOUCHTECHNOLOGY	infrared, multi touch (20 compatible touch points - HID, only with supported OS) activated by finger or pen, no pressure required to generate touch
TOUCH POINTS	20
GLASS THICKNESS	4 mm
GLASS HARDNESS	7H minimum
LIGHT TRANSMITTANCE	88%
DISPLAY AREA H X W	1065.96 x 1895.04 mm; 42" x 74.6"
PIXEL PITCH H X V	0.4935 x 0.4935 mm
RESOLUTIONS	VGA (max. 1920 x 1080), HDMI v1.4a (max. 3840x2160 @30Hz), HDMI v2.0 (max. 3840 x 2160 @60Hz), DP (max. 3840 x 2160 @30Hz)
HORIZONTAL SYNC	30 - 80kHz
VERTICAL SYNC	55 - 75Hz
DISPLAY COLOURS	10 bit, 1.07 B
MAX. NON-STOP OPERATING TIME	24 hours/day
ANTI-GLARE COATING	yes

2. INTERFACES / CONNECTORS / CONTROLLERS

ANALOG INPUT CONNECTOR	1x VGA
DIGITAL INPUT CONNECTOR	1x HDMI (2.0), 2x HDMI (1.3), DisplayPort
HDCP	yes
VIDEO IN	1x VGA, Comp (RCA)
VIDEO OUT	HDMI (max.1920x1080 60hz)
AUDIO IN	1x MiniJack
AUDIO OUT	S/PDIF (optical), MiniJack, speakers x2
CONTROLS	2x USB Touch IN (HDMI 1 & 2 / HDMI 3 & DP & VGA), RS232C, RJ45 (LAN for Android)
USB MEDIA PLAYBACK	yes
OTHER	LAN for Android, USB 2.0 & 3.0 (media playback / peripherals / storage)

3. FEATURES

PLUG & PLAY	VESA DDC2B™
CONTROLS	On-Screen-Display in 8 languages (EN, FR, NL, DE, PL, RU, CZ, IT) controlled by side controls (6 buttons: Power, Home, Return, Menu, Volume down and Volume up) or a remote control
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)
SPEAKERS	2 x 12 W (Stereo)
REGULATIONS	CE, CB, CU, TÜV-Bauart
EXTRA FUNCTIONS	integrated, interactive annotation tools and applications allowing to browse the Internet, show documents, presentations, video, etc.
VESA MOUNTING	800 x 600 mm
COLOUR	Black
EXTERNAL CONTROLS	remote control
ORIENTATION	landscape
FANLESS DESIGN	yes
METAL BEZEL	yes
NOTE APPLICATION	yes

4. ACCESSORIES

DRIVER	multi-touch: Windows® 7/8/10, single-touch: XP, Vista, Linux, Mac OSX, Android, Wince
INCLUDED ACCESSORIES	power cable, VGA cable, HDMI cable, DisplayPort cable, USB cable, remote control, 2x battery, 3x touch pen, quick start, safety guide
OPTIONAL ACCESSORIES	WiFi Module (OWM001), wall mount MD 052B2010 (landscape)

5. POWER MANAGEMENT

POWER SUPPLY	AC 100 - 240 V, 50 / 60 Hz, 4A
POWER SUPPLY UNIT	internal
POWER USAGE	410 W typical; max. 0,5 W in Power management mode
POWER MANAGEMENT	VESA DPMS

6. EU ENERGY EFFICIENCY LABEL

ENERGY EFFICIENCY CLASS	C
ON MODE POWER CONSUMPTION	410.3W
ANNUAL ENERGY CONSUMPTION	599 kWh/annum*
VISIBLE SCREEN DIAGONAL	217 cm; 85.6"; (86" segment)

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.*

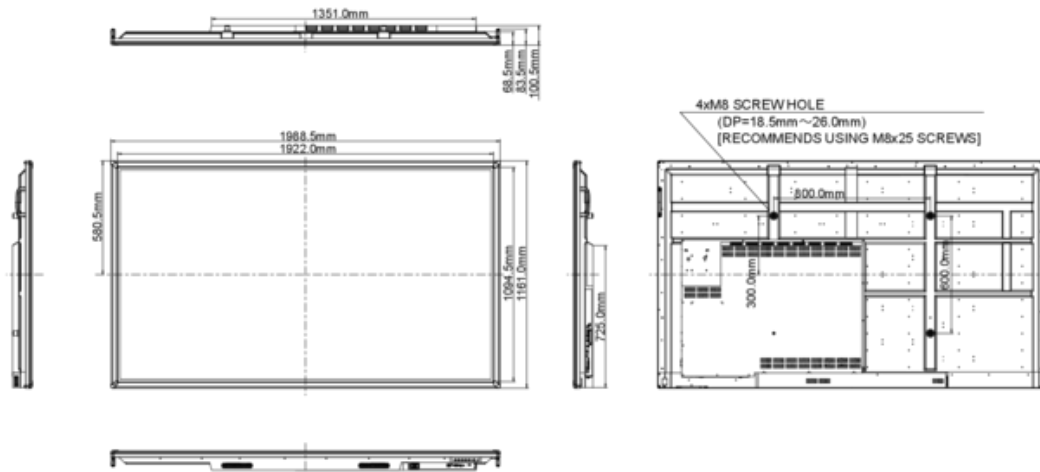
7. DIMENSIONS / WEIGHT

DIMENSIONS W X H X D

1988.5 x 1161.0 x 100.5 mm

WEIGHT

76 kg



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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