

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
Panel brightness	375 cd/m ²
Brightness	330 cd/m ² with touch
Light transmittance	88%
Static contrast	1200:1
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	1895.04 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 RCA Composite x1
Digital signal input	HDMI x3 (v.2.0 x1, v.1.4a x2) DisplayPort x1
Audio input	Mini jack x1
Monitor control input	RS-232c x1 RJ45 (LAN) x1 (Internet for Android only)
Digital signal output	HDMI x1
Audio output	S/PDIF (Optical) x1 Mini jack x1 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, 50/60Hz
Power usage	410W typical, 0,5W stand by, 0,5W off mode

09 SUSTAINABILITY

Regulations	CB, CE, TÜV-Bauart, RoHS support, ErP, WEEE, CU, REACH
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

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