



55" Interactive 4K LCD Touchscreen with integrated annotation software

Collaboration for education and enterprise made simple. The TE5512MIS-B1AG from iiyama inspires all possibilities in all stages for education, start-up and large-scale businesses. With our hybrid interactive solution, you can smoothly annotate in 4K and control any content on the display from any source.

This PureTouch-IR 40-point Touchscreen with iiWare 10 (Android 11 OS) features Note, Browser, Cloud Drive and the option for you to sideload relevant apps you require for your organisation. It comes with dual function Touch pens, and you can easily save your notes and on-screen content directly to a USB device, 32GB internal memory or a selected cloud drive. Including an additional USB-C connection, the display supports the latest in video, audio and Touch signal via a single port and even charge your device with 65W power delivery.

With a 4K UHD resolution (3840x2160) and 400cd/m^2 brightness this 55” IPS LCD screen 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.

You can be sure that no matter what your Interactive aspiration, iiyama has the simplified solution just for you. Boasting a new 4K Interface with User Profiles for simple login and access to your very own bespoke menu and Cloud Drives, the TE5512MIS-B1AG becomes a highly personalised device within a busy hybrid environment for multiple users.

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), iiyama Share and EShare app.



PureTouch-IR

PureTouch-IR from iiyama delivers 1mm touch accuracy for the smoothest and fastest annotation.



iiWare

iiWare 10 features Note, Browser, Cloud Drive and the option for you to sideload relevant apps you require for your organisation.

01 DISPLAY CHARACTERISTICS

Design	Thin bezel
Diagonal	55", 138.8cm
Panel	IPS, direct LED, AG coated glass, zero air-gap, haze 25%
Native resolution	3840 x 2160 (8.3 megapixel 4K UHD)
Aspect ratio	16:9
Panel brightness	400 cd/m²
Light transmittance	88%
Static contrast	1200:1
Dynamic contrast	4000:1
Response time (GTG)	8ms
Viewing zone	horizontal/vertical: horizontal°/vertical 178°, right/left: 0°/0°, up/down: 0°/0°
Colour support	1.07B 8bit+FRC
Horizontal Sync	30 - 135kHz
Viewable area W x H	1210 x 680mm, 56.3 x 31.7"
Bezel width (sides, top, bottom)	19mm, 19mm, 46mm
Pixel pitch	0.315mm
Bezel colour and finish	black, matte

02 TOUCH

Touch technology	PureTouch-IR
Touch points	40, 5pt writing (HID, only with supported OS)
Touch accuracy	+- 1.5mm
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 (2.0, max. 3840x2160 @60Hz, YUV444) USB-C x1 (3.1, 3840x2160 @60Hz - RGB444 - (65W charging, Touch)
Audio input	Mini jack x1
Monitor control input	RS-232c x1 (DSUB 9pin) RJ45 (LAN) x1 (LAN Control) IR x1
Digital signal output	HDMI x1 (3840x2160 @60Hz)
Audio output	S/PDIF (Optical) x1 Mini jack x1 Speakers 2 x 16W (Front)
HDCP	HDMI 1: 2.1, USB-C: 2.2
USB ports	x5 (media playback / peripherals / storage – front side: 2x 3.0, 1x USB-C 3.1 (65W PD), right side: 2x 3.0)
RJ45 (LAN)	x2 (Auto switch for PC & Android, 1000MB)

04 FEATURES

Integrated software	iiWare 10 (Android 11 OS) featuring iiyama DMS, Note, web browser, file manager, cloud drives, WPS office, iiyama Share and EShare for wireless connection with Windows/iOS/Android devices
WiFi	yes (WiFi Module OWM002 - Dual WiFi Bandwidth: 2.4GHz/5GHz, WiFi Standard: IIEEE 802.11 a/b/g/n/ac, Bluetooth Support: 2.1/3.0/4.2/5.0)
Hardware	Quad core A55 CPU, Mali G52 GPU, 4GB RAM, 32GB internal memory
Extra	WiFi Module (OWM002), Slot for optional OPS Slot PC, 4x Touch pen
Kiosk mode	yes
Max. non-stop operating time	24/7
Media playback	yes
Glass thickness	3mm
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, Power Indicator, Remote Sensor, Light Sensor
User controls	general settings (input, volume, backlight), audio settings (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, personal, input & output, application, system)
Blue light reducer	yes
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	400 x 200mm
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	x4
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

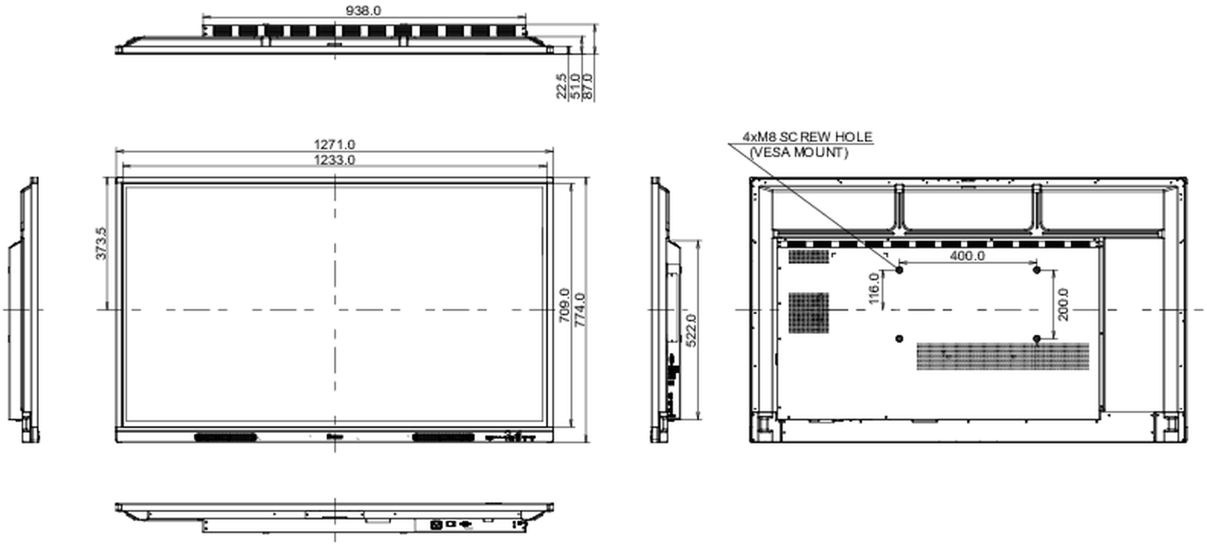
Power supply unit	internal
Power supply	AC 100 - 240V, 50/60Hz
Power usage	105W typical, 0.5W stand by, 0.3W off mode

09 SUSTAINABILITY

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

10 DIMENSIONS / WEIGHT

Product dimensions W x H x D	1271 x 774 x 87mm
Box dimensions W x H x D	1401 x 859 x 220mm
Weight (without box)	26.1kg
Weight (with box)	34.5kg
EAN code	4948570121908



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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