



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

Share Your Vision with the ProLite TE5503MIS-B2AG; 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, ScreenSharePro and Eshare. 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, 16GB 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 (3840x2160 - 8.3 megapixel), 390cd/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	390 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 8bit+FRC
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 RJ45 (LAN) x1 (Internet for Android only)
Digital signal output	HDMI x1 (2.0, 3840x2160 @60Hz)
Audio output	S/PDIF (Optical) x1 Mini jack x1 Speakers 2 x 12W
HDCP	v.2.2
USB ports	x6 (media playback / peripherals / storage (front: 2x 2.0, bottom: 1x 2.0, right side: 3x v.3.2 (Gen 1, 5Gbit)))

## 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: IEEE 802.11 a/b/g/n/ac, Bluetooth Support: 2.1/3.0/4.2/5.0)

Hardware	Dual core A73+A53 CPU, Quad core Mali G51 GPU, 3GB RAM, 16GB internal memory
Extra	Slot for optional slot PC, two touch pens
Kiosk mode	yes
Max. non-stop operating time	18/7
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, USB Connector (2.0)
User controls	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)
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	x2 (ø3 x1 & ø7 x1)
Guides	quick start guide, safety guide
Other	WiFi Module (OWM001)
Remote control	yes (batteries included)

## 08 POWER MANAGEMENT

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

## 09 SUSTAINABILITY

Regulations	CE, TÜV-Bauart, EAC, RoHS support, ErP, WEEE, REACH
REACH SVHC	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	4948570119356

*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.*

© IIYAMA CORPORATION. ALL RIGHTS RESERVED