traulux by Charmex AV TECHNOLOGY

MONITORS INTERACTIVE
PERFORMANCE SERIES

TX65P | TX75P | TX86P



DISCOVER
THE PHILOSOPHY
Simply Better

CATALOG 2025 - 2026

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Windows INK compatibility

RoHS FC CE

2 x
USB-C

PAHO
(Windows / Chrome OS)

Android 13
8 GB RAM - 128 GB ROM

Cutout
advanced

AirPlay, Miracast,
Chromecast, Webcast

Zero Bonding

6-zone blackboard

Multi-window
PIP (Picture in Picture)

Acknowledgment
writing and forms

Direct insertion
on a blackboard

OPTIONAL**PC-OPS MODULES**

TLS124-i5

Intel i5 14th generation processor
RAM: 8 GB (DDR5)
ROM: 256 GB NVMe
Intel® Iris® Xe Graphics
Intel VPU AI accelerator
Windows 11 PRO (License Included)

TLS124-i7

Intel i7 14th generation processor
RAM: 16 GB (DDR5)
ROM: 512 GB NVMe
Intel® Iris® Xe Graphics
Intel VPU AI accelerator
Windows 11 PRO (License Included)

TLS8195A

Android 13 Eight Core
RAM: 8 GB (DDR4)
ROM: 128 GB NVMe Mali
G57 Graphics
Google EDLA



traulux
by Charmex



MAXIMUM EXCELLENCE



*Reinstallation included
only in Spain and Portugal

The new PERFORMANCE series takes the Simply Better concept to the next level.

Our main goal is to provide users with equipment that offers the best performance and added value, as well as the most intuitive and simplified user experience possible.

To achieve this, we not only select the best factories and components available on the market, but our development team also designs an interface and procedures that are tailored to the needs and tastes of our market, working closely with manufacturers to achieve the highest standards of excellence.

PERFORMANCE SERIES *Simply Better*

TRIPLE OPERATING MODE ANDROID

ADAPT THE SYSTEM TO YOUR CONVENIENCE



Mode 1: Full Android

All Android features active

- Blackboard
- Office and multimedia reader.
- Annotation and clipping layer
- Web browser
- Link to cloud drives
- Mirroring (compatible with USB-C dongle)
- "Picture in Picture"
- Video capture device
- And more...



Mode 2: Limited Android

Android features are limited to:

- Whiteboard
- Annotation layer + QR
- Mirroring (compatible with USB-C dongle)

For users who will mainly work with their personal device and/or integrated OPS (Windows or Chrome OS) but want to maintain very basic Android use.



Mode 3: Android disabled

For highly restrictive applications where Android is not an approved system, or where you want to use your personal device and/or integrated OPS (Windows or Chrome OS) exclusively.

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EVERYTHING YOU NEED *IN ONE CLICK*

PERFORMANCE SERIES *Simply Better*



Brillo automático

1.- FLOATING ICON
Direct access to the most frequently used features.

2.- ANDROID AND MIRRORING IN 4K
Miracast, ChromeCast, AirPlay, Webcast.
Optional USB-C dongle.

3.- INTEGRATED WIFI
With 2.4 Gb/5 Gb access point.

4.- FRONT CONNECTIONS
1 x HDMI (2.1)
1 x USB Touch (3.0)
2 x USB (3.0)
1 x USB-C (60 watts)

5.- MULTI WINDOW
Simultaneously display and run 4 windows: Web, whiteboard, PIP, WPS 4K

6.- SIDE MENU
Quickly access the most frequently used tools.

7.- FRONT BUTTON PANEL
Off
Home
Backwards
Configuration
Volume
Light sensor

8.- CLOUD INTEGRATION
Google Drive
One Drive

OPTIONAL**MODULES** OPS

Choose the expansion module that best suits your needs to configure an all-in-one solution.



Google EDLA



Windows 11 PRO

KEY FEATURES

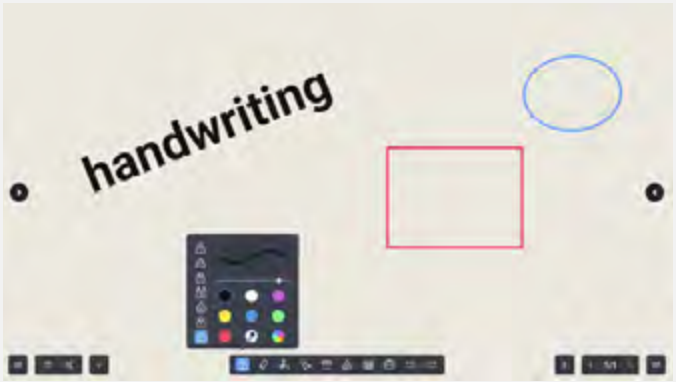
Whiteboard for up to 6 zones

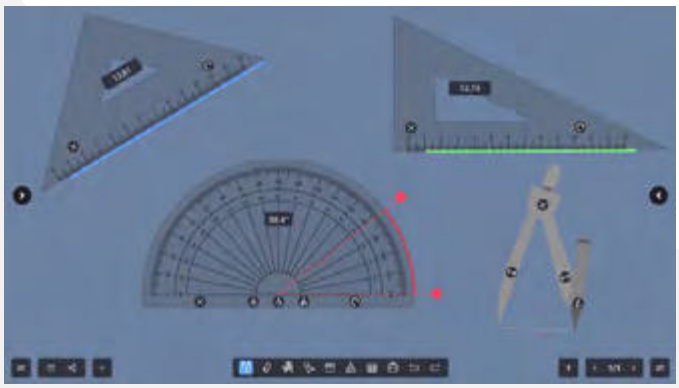
The pre-installed whiteboard application offers all the tools and features needed in a classroom or office.

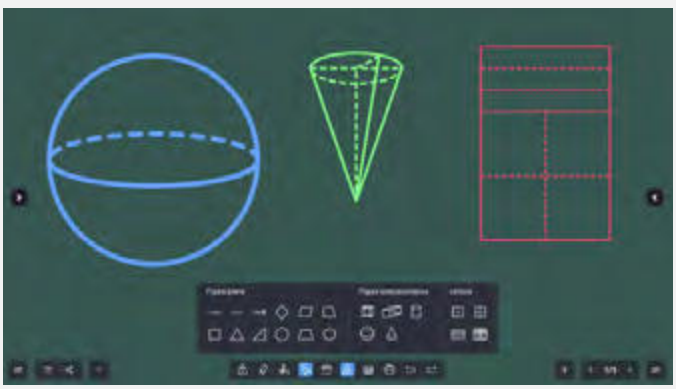
Work independently in each area (you can delete in one area while writing in another, or use a different color in each).

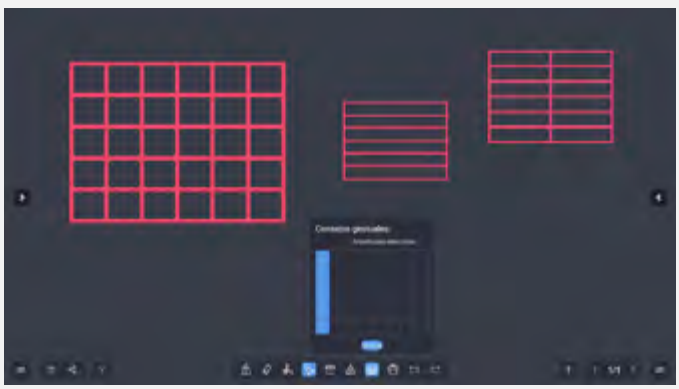
Wide variety of pencils, color cloner, and recognition of freehand writing or shapes.











KEY FEATURES

Insertion of web images

Recognize a written word and search for images on the internet that can be inserted with a drag-and-drop gesture. Insert PDFs, videos, images, and sticky notes for a memorable presentation!







Multi Window: Multiply the effect of your presentation by 4

Thanks to its 8-core Android 13 processor, you can open up to 4 separate windows and run them simultaneously. All windows can be pinned to the foreground.

The 4 windows can be:

- The blackboard
- WPS 4K file reader (office + PDF)
- An external source (PIP)
- Internet browser

Thanks to this feature, you can also place the whiteboard over any other projection for a more effective presentation.



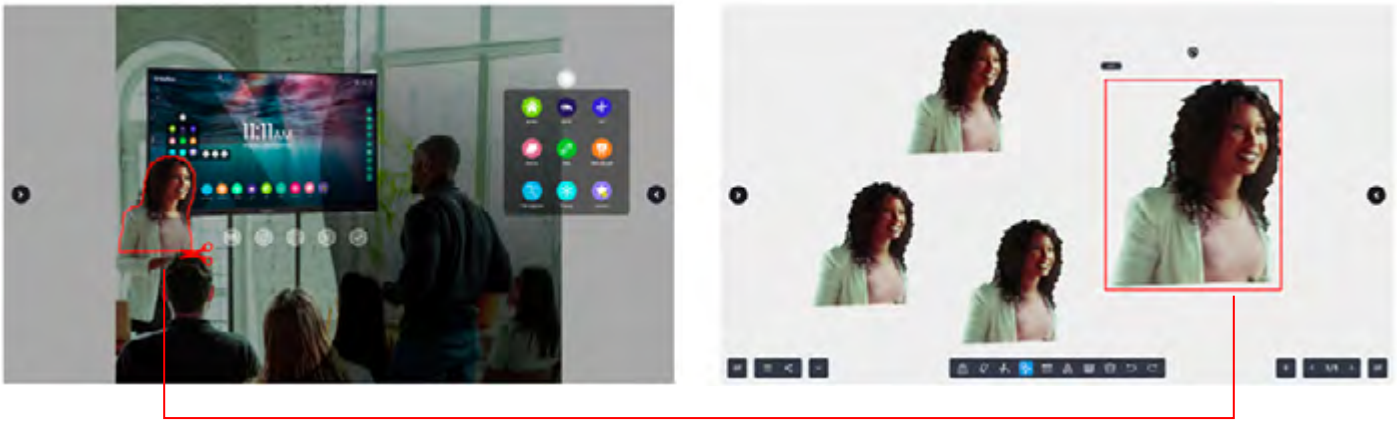




KEY FEATURES

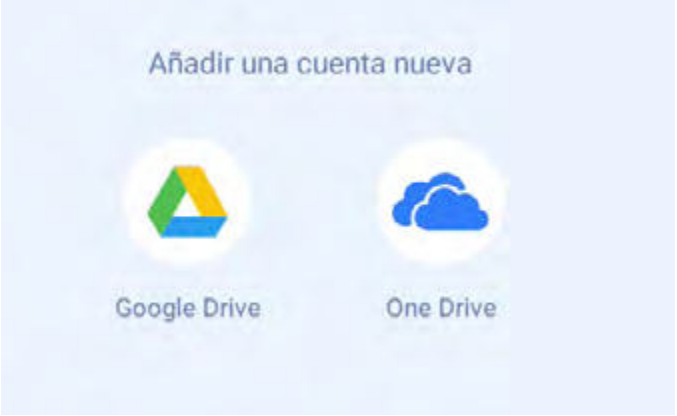
Freehand cutting

Precisely crop the exact area of any image you want to bring to the whiteboard for later discussion.



Direct integration with the Cloud

Upload or download your files directly to Google Drive or OneDrive.





Wireless projection

Whether through structured cabling or WiFi connection (external or own access point 2.4 Gb / 5Gb), use the power of Eshare PRO for an immediate and stable connection.

Compatible with:

- Windows – Miracast
- Android – Miracast
- Apple – Airplay
- Chrome OS – Chrome Cast
- Linux – Eshare app

WEB CAST*

Cloud projection without installing an app.

Use the web server to project freely, without needing to be on the same network, install any apps, or use a dongle.

*Only for Windows, MAC O.S., and Chrome O.S.

Up to 16 simultaneous projections.

OPTIONAL **ACCESSORY**

USB-C dongle

For direct projection with any USB-C device.

- No driver or software required
- No more cables in the meeting room.
- Easy to use.
- Resolution up to 4K 30 fps.
- Haptic feedback (Windows/macOS/Chrome/Linux/iPad/Android).
- Requires USB-C with full transmission - Thunderbolt 3 min.





Descripción	Botón de presentación inalámbrica
Nombre	EShare 4K
Referencia	TLES06T-C (USB-C)
WiFi	5GHz & 2.4GHz
Protocolo autenticación	WPA2(WPA2-PSK (Pre-Shared key) / WPA2-Enterprise)
DDR	DDR3 512MB
A/V Virtualization	Virtualización inalámbrica de equipos audiovisuales como cámara, micrófono, altavoz y pantalla al portátil del usuario.
LED	Azul/Verde/Rojo
Ratio	60 fps (FHD) 30fps (4K)
Resolución de salida	720x480, 720x576, 1280x720, 1920x1080(1080P), 3840x2160
Resolución de entrada	480p, 576p, 720p, 1080p, 4K PC timing: 640x480, 800x600, 1024x768, 1280x720, 1920x1080, 3840x2160
Retorno control por mouse	Sí
Retorno táctil	Sí 10 puntos
SO Soportados	Windows® 7, Windows 8.1, Windows 10 or Windows 11. macOS™, Chrome OS, Linux OS, Android OS. Any OS supports full featured Type-C or HDMI
Puerto	USB-C (con transmisión total - thundelbort 3 min)
Voltaje de entrada	5V
Consumo	0.9A max
Potencia	2.5W
Temperatura en funcionamiento	-0C °~ 40°C (32°F ~ 104°F)
Temperatura en almacenaje	-20C ~ 60°C (-4°F ~ 140°F)
Dimensiones	176mm x 58mm x 17mm
Peso neto	80g.



TECHNICAL SPECIFICATIONS

INTERACTIVE MONITORS

PERFORMANCE SERIES *Simply Better*

DISPLAY FEATURES	**TRAULUX TX65P**	**TRAULUX TX75P**	**TRAULUX TX86P**
Diagonal	65"	75"	86"
Visual technology	IPS D-LED (18 hours / 7 days of continuous service)	IPS D-LED (18 hours / 7 days of continuous service)	
Active area (mm)	1428.48 (W) x 803.52 (H)	1428.48 (W) x 803.52 (H)	1428.48 (W) x 803.52 (H)
Aspect ratio	16:9	16:9	16:9
Contrast (Typ./Dyn)	1200:1 / 5000:1	1200:1 / 5000:1	1200:1 / 5000:1
Resolution	4K Ultra HD (3840 × 2160)	4K Ultra HD (3840 × 2160)	4K Ultra HD (3840 × 2160)
Brightness	450 cd/m2 (automatic adjustment)	450 cd/m2 (automatic adjustment)	450 cd/m2 (automatic adjustment)
Response time	5 ms	5 ms	5 ms
Viewing angle	178	178	178
Scheduling shutdown time	Yes.	Yes.	Yes.
Auto power-off programming	Yes.	Yes.	Yes.
Speakers	2x20 watts	2x20 watts	2x20 watts
Glass	Tempered / 3.2 mm thick / Anti-reflective / Anti-fingerprint / Ultra-smooth / Hardness 7 MOHS		
Bonding	Zero Bonding.		
LED Panel Life	50,000 Hours		
CONNECTIVITY			
HDMI Input (2.1)	3 (2 side, 1 front)		
HDMI Output (2.1)	1 (base)		
DisplayPort Input (1.2a)	1 (side)		
USB-B (Touch 3.0)	4 (3 side, 1 front)		
USB-A (2.0)	1 (side)		
USB-A (3.0)	4 (2 side, 2 front)		
USB-C	2 (1 side 15 W, 1 front 65W)		
VGA + Audio	1 (base)		
RJ45 LAN	2 In/Out (base)		
RS232	1 (base)		
Headphone Output	1 x 3.5 mm mini jack (base)		
Digital audio output	1 SPDIF Optical (base)		
Micro input	1 (base)		
Wi-Fi	802.11a/b/g/n/ac (2.4GHz/5GHz)		
Bluetooth	2.1+EDR/4.2/5.1 1		
OPS slot	(JAE 80 pin)		
SD Card	1 Micro SD (base)		
LAN Control	Yes.		
Wake on LAN	Yes.		
INTERACTIVITY			
Technology	IR - Double thickness		
Touch precision	1 mm		
Response time	5 ms		
Touch points	40 (20 writing)		
Writing tools	Pencil or finger		
Erased with the palm of the hand	Yes.		
ANDROID			
Processor	Android 13, CPU: 8 Core (Quad core A73) + Quad core A53) GPU Mali G52 MP8		
Memory	8 GB RAM, 128 GB flash memory		
Automatic updates (OTA)	Yes.		
Interface resolution	4K		
SOFTWARE			
Freeze frame	Yes.		
Floating icon and side menus	Yes.		
Multi-window	4 (1 PIP)		
PIP (Picture in Picture)	Yes.		
Infinita Blackboard	Yes (up to 6 independent zones)		
Acknowledgment	Text, lines, and shapes (Offline)		
Insertion on blackboard	Images, video, PDF, flowchart		
Tools on the blackboard	2D3D shapes / Tables / Maths / Sticks		
Direct web search blackboard	Yes (with direct image insertion)		
Video capture device	Yes.		
Direct file transfer BYOD	Yes.		
MDM Radix VISO Premium	Yes (pay-per-use)		
Google Drive/One Drive integration	Yes.		
Freehand cutting	Yes.		
QR Generator	Yes (Cloud encryptable)		
Visual protection	Yes (automatic brightness adjustment and blue filter)		
Mirroring Eshare PRO 4K	9 simultaneous projections, Hot Spot (2.4 Gb / 5 Gb) Android, iOS, Chrome, Ubuntu, Windows, MAC O.S.		
Miracast, Chromecast, Airplay	Yes.		
Webcast	Yes, Windows, Mac OS		
ACCESSORIES INCLUDED			
Wall mount	Yes.		
Double-ended pencils	2		
Remote control	1		
USB-C cable (Thunderbolt 3)	1		
Power cable	1 x 3 m		
HDMI cable	1 x 3 m		
USB A-B cable	1 x 3 m		
DIMENSIONS / WEIGHT			
VESA	600 x 400	800 x 400	800 x 600
Net/Gross Weight (kg ±2)	38 / 46	53 / 62	66 / 77
Dimensions (W x D x H)	1482 x 87 x 897 mm	1717 x 87 x 1032 mm	1962 x 88 x 1170 mm
Packaging (W x D x H)	65.4 in. x 7.2 in. x 39.8 in	1860 x 185 x 1125 mm	2095 x 185 x 1265 mm
ELECTRICITY			
Voltage	100–240 V AC	100–240 V AC	100–240 V AC
Standard/maximum/standby power consumption	150W / 300W / <0.5W	190W / 380W / <0.5W	230W / 460W / <0.5W
WARRANTY	**5 years on site with reinstallation (Spain/Portugal)**		

SUPPORTS FOR
INTERACTIVE MONITORS
PERFORMANCE SERIES *Simply Better*

COMPATIBLE MOUNTS **INTERACTIVE MONITORS CONFERENCE SERIES**

SMMI-FLEX MOBILE MONITOR MOUNT

- Suitable for monitors from 55" to 98"
- Valid for monitors and interactive monitors
- Load capacity up to 100 kg.
- VESA up to 800x600
- Design with telescopic columns
- Fixed height with multiple installation options to suit each installation
- Easy wheelchair access: 85 cm clearance.
- Manufactured in Spain with components made entirely in Europe
- Optional accessories: top tray for camera and accessory tray



SMI-FLEX MONITOR WALL AND FLOOR MOUNT

- Suitable for monitors from 55" to 98"
- The weight of the monitor rests on the floor and is anchored to the wall.
- Valid for monitors and interactive monitors
- Load capacity up to 100 kg.
- VESA up to 800x600
- Design with telescopic columns
- Fixed height with multiple installation options to suit each installation
- Manufactured in Spain with components made entirely in Europe
- Optional accessories: top tray for camera and accessory tray



SMMI-F1PRO MOTORIZED MONITOR MOBILE STAND

- Suitable for monitors from 55" to 105"
- Valid for monitors and interactive monitors
- Motorized height adjustment up to 750 mm.
- Load capacity up to 140 kg.
- VESA up to 800x600, among others
- Anti-collision system
- Electrical base included 3 x Schuko
- Cable management and extendable cable
- Side handles included
- Manufactured without PVC components
- Includes 0.W technology: power consumption less than 0.1W in standby mode.
- Manufactured in Spain with components made entirely in Europe
- Optional accessories: top tray for camera and accessory tray



SMI-W1PRO MOTORIZED MONITOR FLOOR-TO-WALL MOUNT

- Suitable for monitors from 55" to 105"
- The weight of the monitor rests on the floor and is anchored to the wall.
- Valid for monitors and interactive monitors
- Motorized height adjustment up to 750 mm.
- Load capacity up to 140 kg.
- VESA up to 800x600, among others
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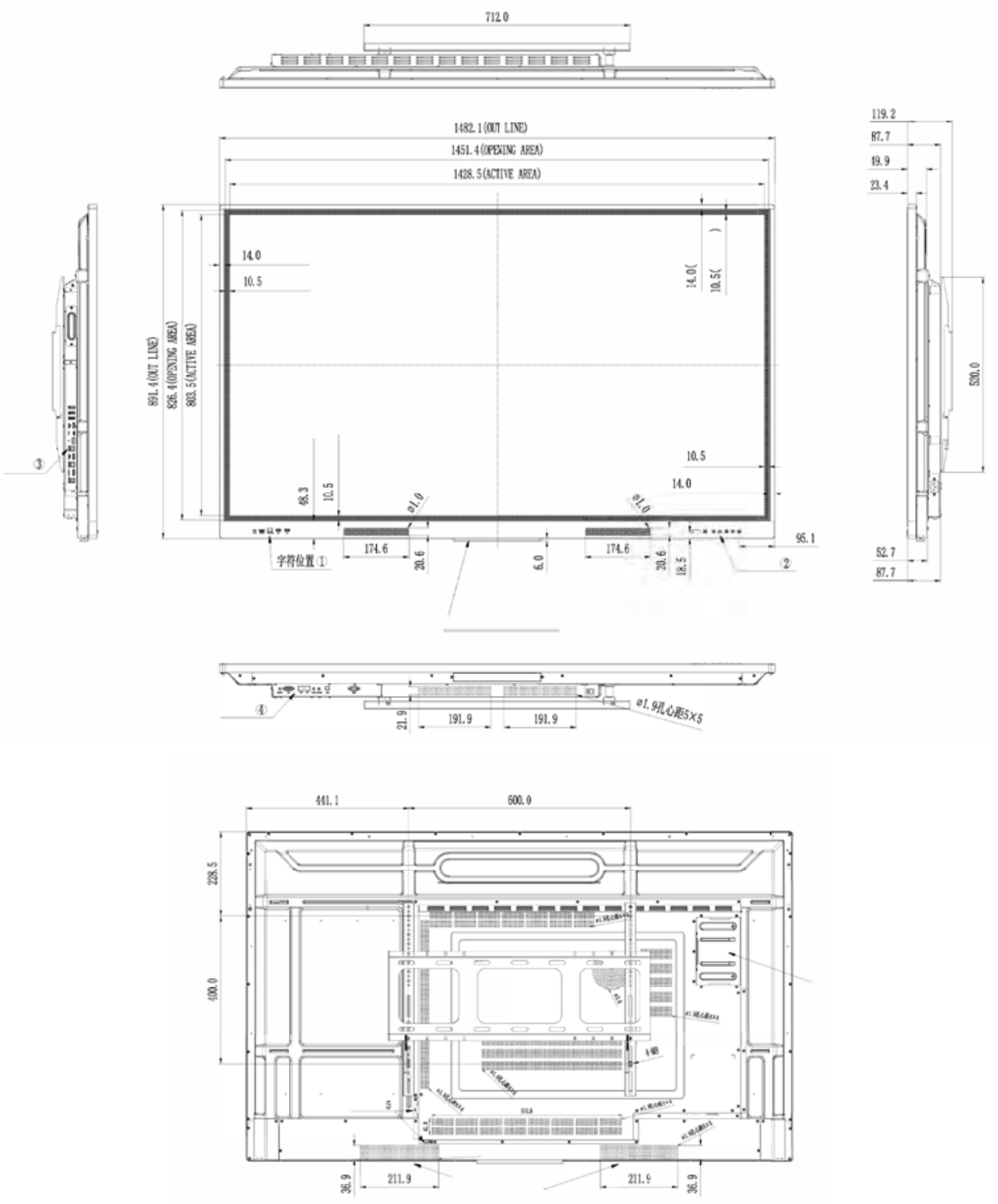
TECHNICAL DRAWINGS

INTERACTIVE MONITORS

PERFORMANCE SERIES *Simply Better*

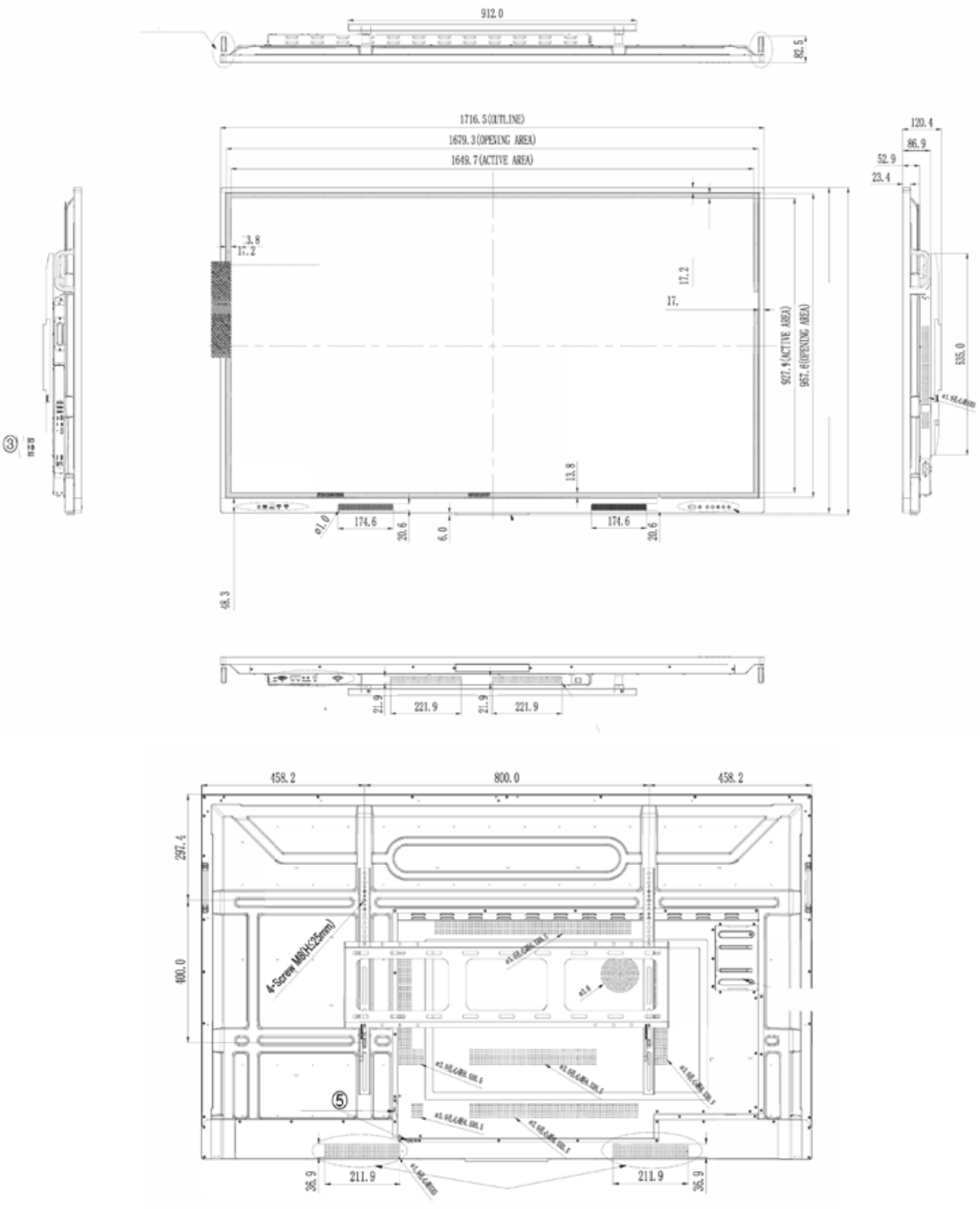
TECHNICAL DRAWINGS

TX65P INTERACTIVE DISPLAYS



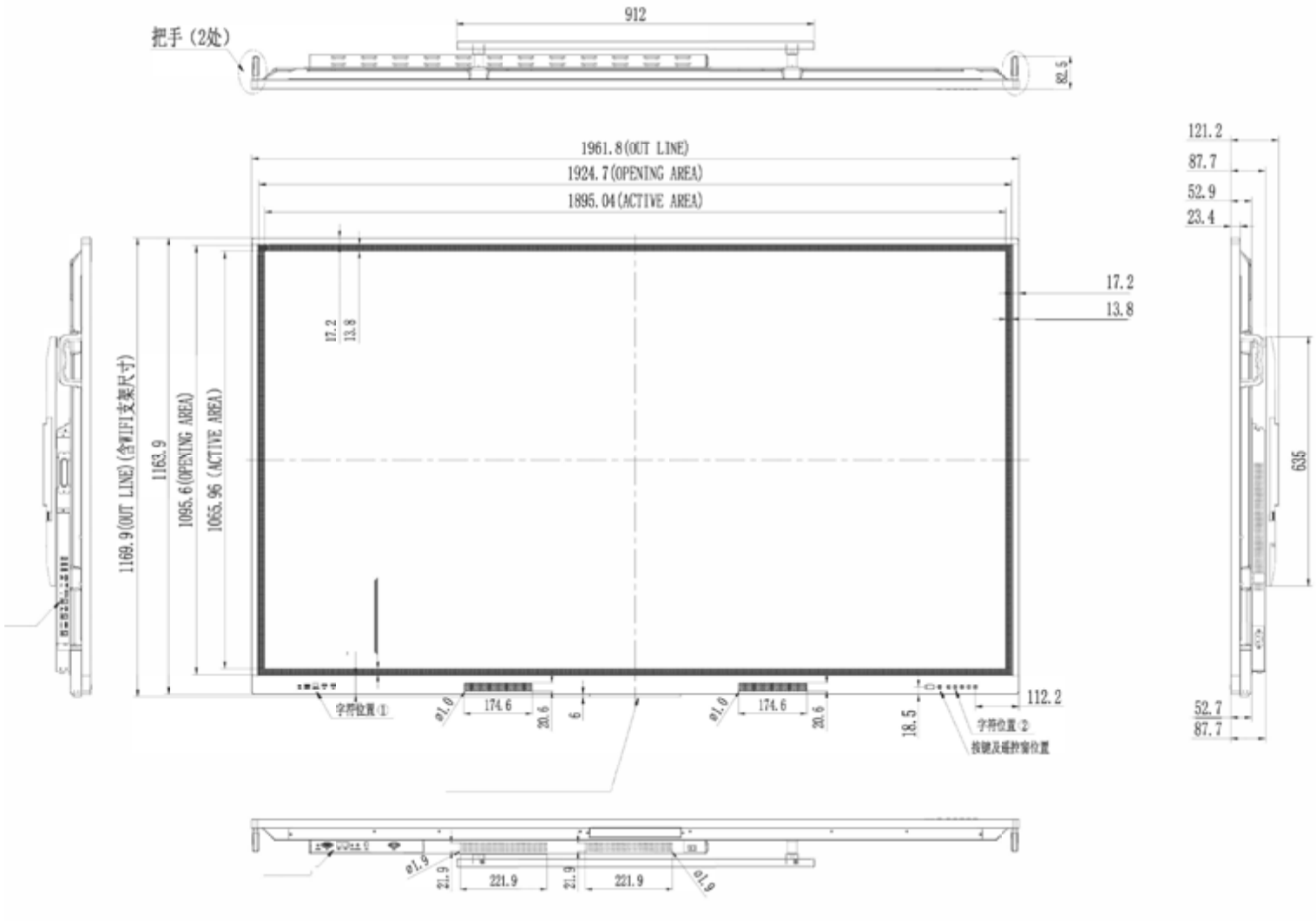
TECHNICAL DRAWINGS

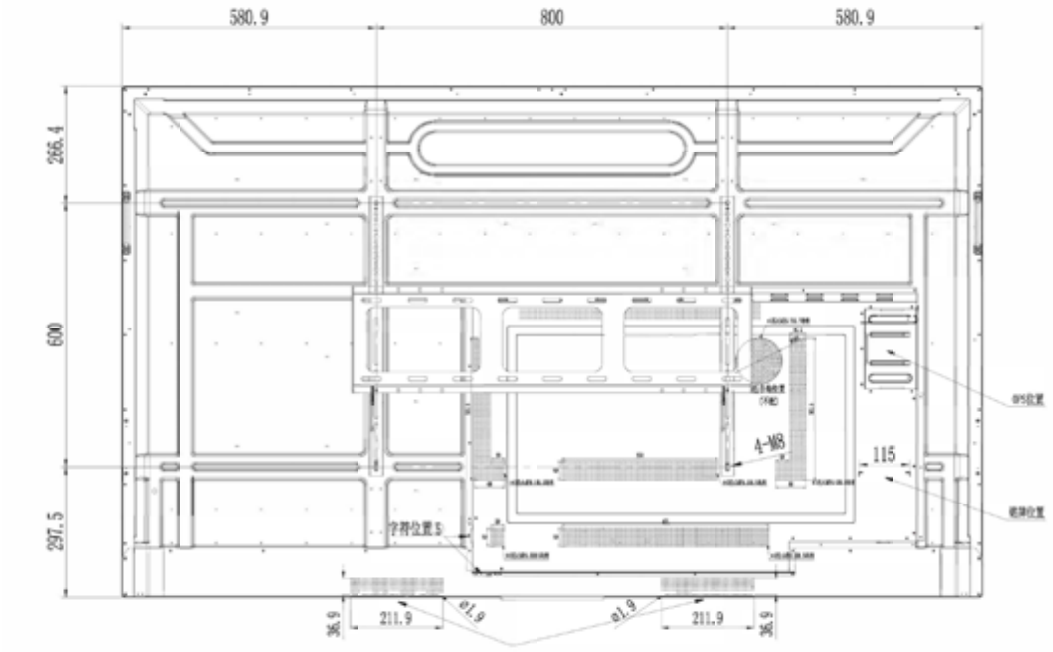
TX75P INTERACTIVE DISPLAYS



TECHNICAL DRAWINGS

TX86P INTERACTIVE DISPLAYS







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