traulux by Charmex AV TECHNOLOGY

MONITORS INTERACTIVE
TX CONFERENCE SERIES

TX65C | TX75C | TX86C



REINSTALACIÓN INCLUIDA
5 AÑOS
GARANTÍA IN SITU
REINSTALACIÓN INCLUIDA

Only for Spain and Portugal

DISCOVER
THE PHILOSOPHY
Simply Better

CATALOG 2025 - 2026

charmex.net | traulux.net



The new CONFERENCE series is an "extended" version of our PERFORMANCE series, more geared towards the corporate sector.

A high-quality camera and 8-microphone array are added to the frame for an all-in-one solution for videoconferencing applications.

The camera, thanks to its **high-end 48 MP 4k** lens and sensor, and **AI processor**, it guarantees framing and tracking **by voice or image** equivalent to professional VC bars.

The 8 micro array incorporates a **DSP** digital sound processor with **AEC** echo cancellation and **AGC** automatic gain control, achieving good intelligibility even in complex acoustics.
The sound from the speakers has also been improved, using higher-quality transducers and a support subwoofer, achieving HiFi coverage throughout the room.

Camera and 8-microphone array sharing: Whether we use an embedded OPS (Windows or Google Chrome OS*) or connect the laptop via cable or wirelessly, we can use the interactive's camera and 8-microphone array on our device.

Windows INK compatibility RoHS FC CE

2 x USB-C

PAHO (Windows / Chrome OS)

Android 13 8 GB RAM - 128 GB ROM

Cutout advanced

WiFi 6 (Optional USB-C dongle)

48 MP camera 4K AI

Zero Bonding

6-zone blackboard

Multi-window PIP (Picture in Picture)

Acknowledgment writing and forms

Hi-Fi sound 2 x 1

Microarray 8 180°

traulux by ch Charmex

EVERYTHING YOU NEED *IN ONE CLICK*

TX CONFERENCE SERIES Simply *Better*



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 Watt)

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 PANEL
- Off
- Home
- Backwards
- Configuration
- Volume
- Light sensor

8.- CLOUD INTEGRATION
- Google Drive
- One Drive

9 – INTEGRATED ACCESSORIES
48 MP camera 4K 115° AI + Micro array 8 180° (AEC / AGC)

10 -SOUND
Hi-Fi sound 2 x 1 (2 x 20 watts front + 1 x 30 watts rear subwoofer).

10 -USB-C DONGLE
USB-C WiFi 6 dongle for AV projection and interactive feedback + camera virtualization* + 8-microphone array. Compatible with Thunderbolt 3 or higher devices.

*Virtualization only available for Windows OS / MAC OS.

OPTIONAL MODULES OPS

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



IRAI TOUCH chromeOS

**For Google Meet only*



traulux Windows 11 Pro

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.

traulux by Charmex

TECHNICAL SPECIFICATIONS

INTERACTIVE MONITORS

CONFERENCE SERIES *Simply Better*



traulux by Charmex

DISPLAY FEATURES	**TRAULUX TX65C**	**TRAULUX TX75C**	**TRAULUX TX86C**
Diagonal / Active area (mm)	65" / 1428.48 (H) x 803.52 (V)	75" / 1649.664 (H) × 927.936 (V)	86" / 1895.04 (H) x 1065.96 (V)
Visual technology	IPS D-LED (18 hours / 7 days of continuous service)		
Aspect ratio	16:9		
Contrast (Typ./Dyn)	1200:1 / 5000:1		
Resolution	4K Ultra HD (3840 × 2160)		
Brightness	500 cd/m² (automatic adjustment)		
Viewing angle	178°		
Speakers: 2 x front + 1 x subwoofer	2 x 20W + 1 x 30W Subwoofer		
Glass	Tempered / 3.2 mm thick / Anti-reflective / Anti-fingerprint / Ultra-smooth / Hardness 7 MOHS		
Bonding	Zero Bonding		
LED Panel Life	50,000 Hours		
Camcorder inserted into the frame	48 MP 4K 115° AI		
Microphone inserted into the frame	Yes 8 array 180° up to 8 m standard, 10 m RT60 ≤ 0.25 s with AEC/AGC		

CONNECTIVITY	
HDMI Input (2.1)	2 (side)
HDMI Output (2.1)	1 (side)
DisplayPort Input (1.2a)	1 (side)
USB-B (Touch 3.0)	3 (side)
USB-A (2.0)	1 (side)
USB-A (3.0)	4 (2 side, 2 front)
USB-C	2 (1 side 15 W, 1 front 100 W)
VGA + Audio	1 (base)
RJ45 LAN	2 In/Out (base)
RS232	1 (base)
Headphone Output	1 3.5 mm mini jack (base)
Digital audio output	1 Optical SPDIF (base)
Micro input	1 (base)
Wi-Fi 6	802.11/a/b/g/n/ac/ax (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 accuracy	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 MaliG52 MP8
Memory	8 GB RAM, 128 GB flash memory
Automatic updates (OTA)	Yes
Interface resolution	4K

SOFTWARE	
Floating icon and side menus	Yes
Multi-window (Picture in Picture)	4 (1 PIP)
Infinita Whiteboard	Yes (up to 6 independent zones)
Acknowledgment	Yes text, lines, and shapes (Off Line)
Insertion into slate	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)
Eye 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.
Webcast	Yes, Windows, Mac OS
Native projection	Miracast, Chromecast, Airplay
Camera sharing	Yes, wired or wireless (image, microphone, speakers)
Camera tracking	Yes, by voice or AI
Automatic selection when picking up the pencil.	Yes, whiteboard/annotation layer
Selectable camera resolution	3840*2160 (30fps) - 1920*1080 (30fps) - 1280*720 (30fps)

ACCESSORIES	
Wall mount	Yes
Double-ended pencils	2
Remote control	1
USB-C cable (Thunderbolt 3)	1 (1,8 m)
Power cord	1 x 3 m
HDMI cable	1 x 3 m
USB A-B cable	1 x 3 m
USB-C/A dongle	Optional

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)	1484 x 87 x 912 mm	1705 x 87 x 1036 mm	1950 x 88 x 1174 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/max/standby power consumption	150W / 300W / < 0.5W	190W / 380W / < 0.5W	230W / 460W / < 0.5W


COMPATIBLE MOUNTS
INTERACTIVE MONITORS
CONFERENCE SERIES
Simply Better

SMMI-FLEX MOBILE MONITOR STAND

- 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 tray for accessories



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 tray for accessories



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 tray for accessories



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
- 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 tray for accessories





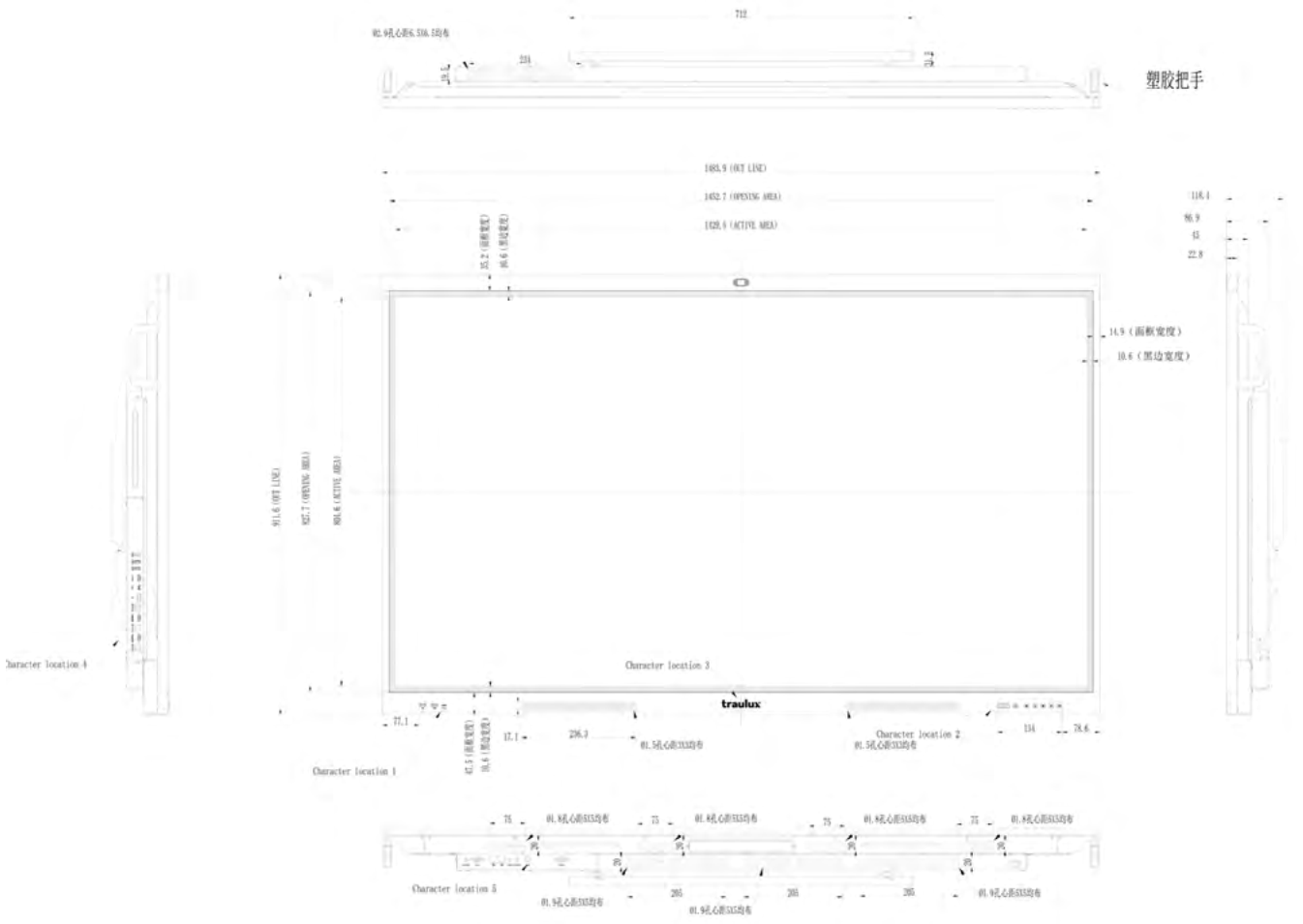
TECHNICAL DRAWINGS

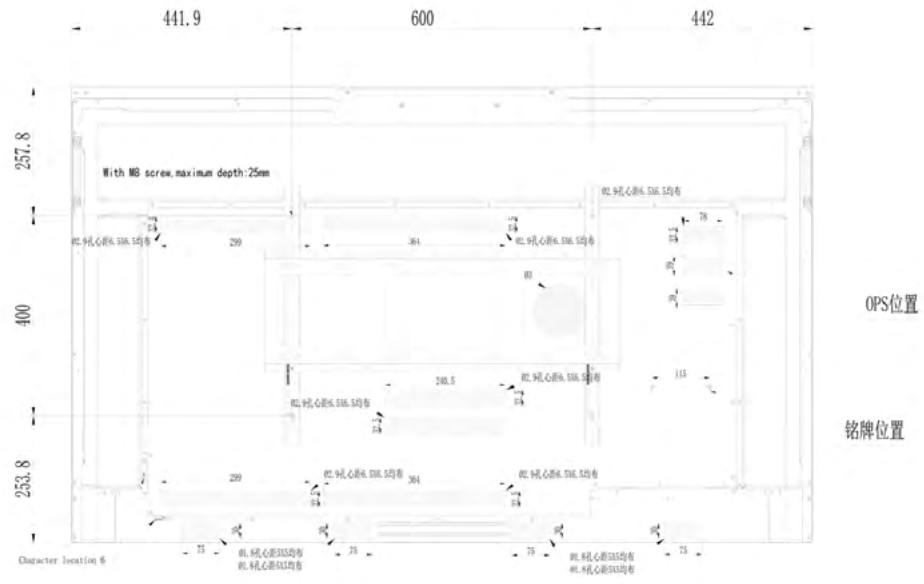
INTERACTIVE MONITORS

CONFERENCE SERIES *Simply Better*

TECHNICAL DRAWINGS

TX65C 65" INTERACTIVE MONITORS

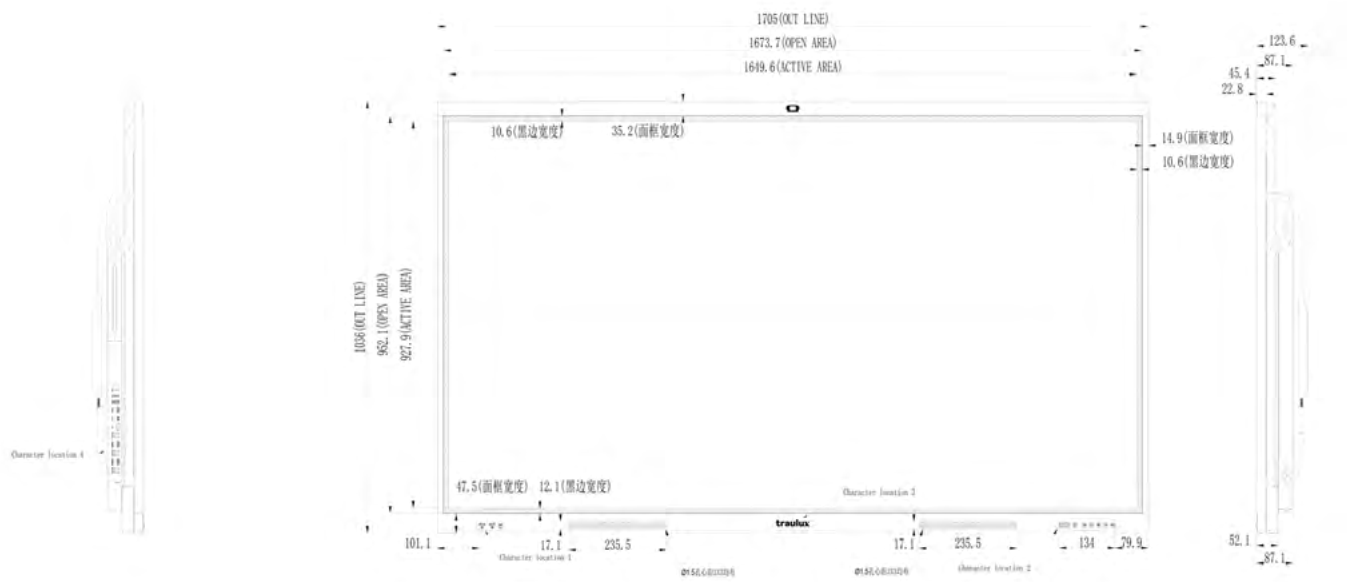




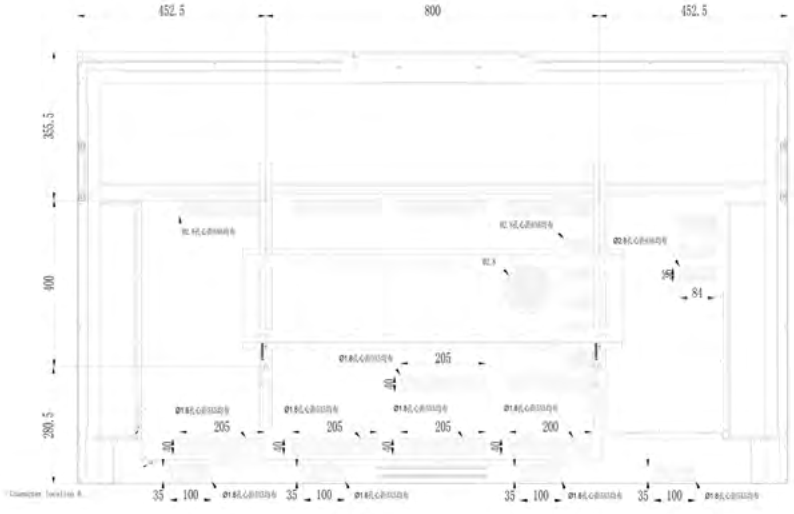
TECHNICAL DRAWINGS

TX75C 75" INTERACTIVE DISPLAYS



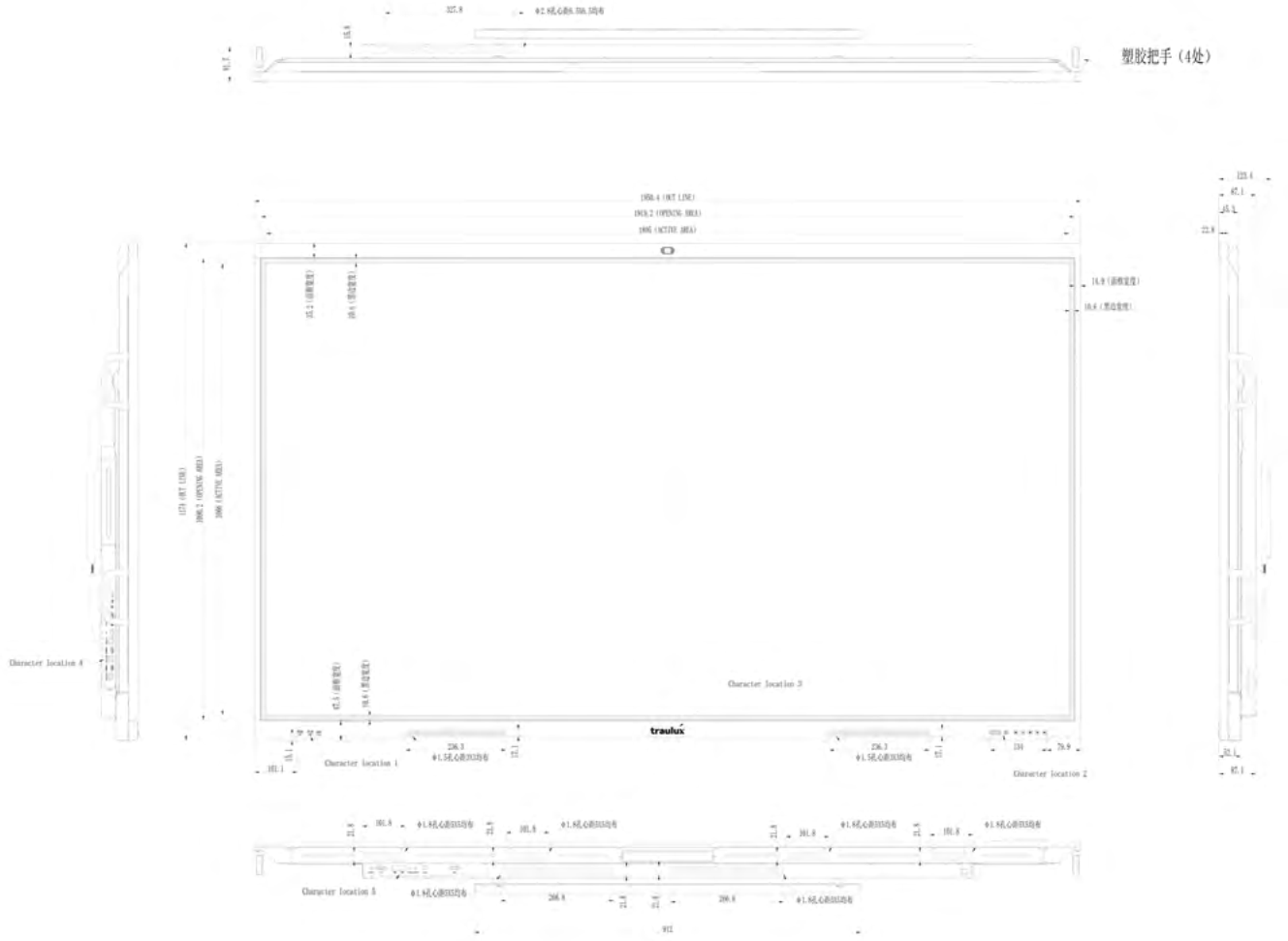


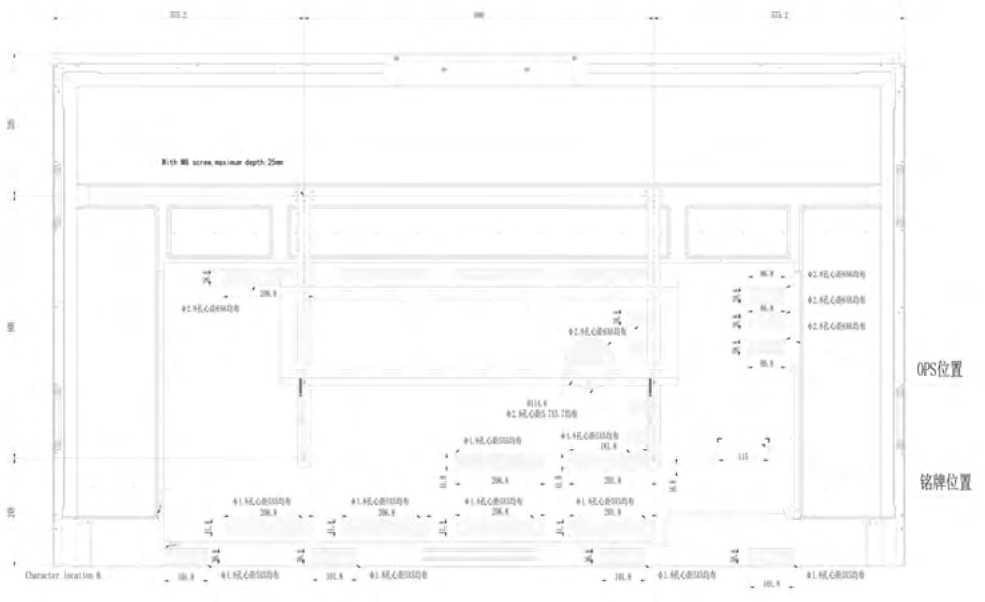




TECHNICAL DRAWINGS

TX86C 86" INTERACTIVE DISPLAYS





traulux by Charmex AV TECHNOLOGY

charmex.net | traulux.net

CATALOG 2025-2026