PRODUCT SPECIFICATION

Product Name：OUTDOOR DISPLAY TERMINAL

Product Model：TS-430THD

Prouduct Part #: 2.04.004300018

Version: V0

TECHTION SMART		
Organized by	Checked by	Approved by
Randy	Connie	James

CUSTOMER APPROVAL	
Approved by	Comment

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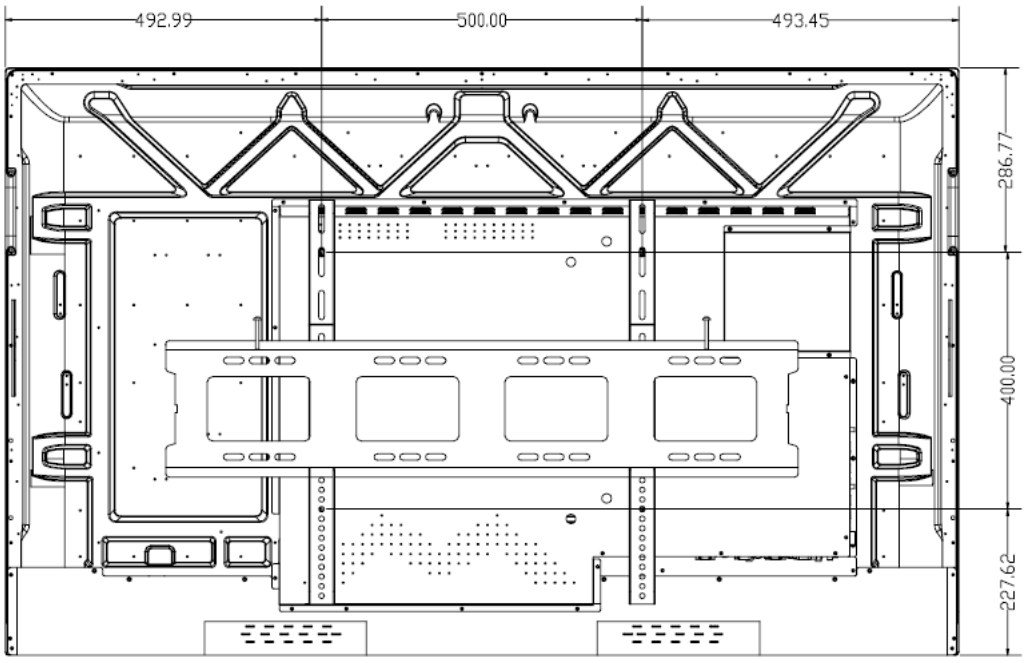
Document Revision History

Date	Version	Description	Editor
2025.06.16	V0	New Release	Randy



1、Features

- 屏幕：43" 高亮宽温 LCD，光学贴合，5mm 防爆钢化玻璃，2500 nits
  Screen: 43" high-brightness wide-temp LCD, optical bonding, 5mm tempered glass, 2500 nits.
- 结构：模块化加固，型材外壳，双层户外粉末喷涂，内置风机散热
  Structure: Modular reinforced design, profile shell, double-layer powder coating, built-in fan cooling.
- 防护等级：全封闭，防尘防雨防晒，IP66 + IK10
  Protection: Fully enclosed, dustproof, rainproof, sunproof, IP66 + IK10.
- 主板与接口：X86 PC 主板，全高清 1920×1080，Wi-Fi & RJ45
  Mainboard & Interface: X86 PC, full HD 1920×1080, Wi-Fi & RJ45.
- 显示：高对比度，16.7M 色彩，纵横屏显示，可调亮度，光感自动调节
  Display: High contrast, 16.7M colors, portrait/landscape, brightness adjustable, ambient light auto-adjust.
- Local Dimming：1152 分区，动态局部调光优化对比度及画面层次，节能 30–40%
  Local Dimming: 1152 zones, dynamic local dimming enhances contrast and image depth, 30–40% energy saving.
- 应用：公交站牌、商场、广场、学校、公园，全天候 24 小时运行
  Applications : Bus stops, malls, squares, schools, parks, 24/7 operation.

2、PHYSICAL SPECIFICATIONS

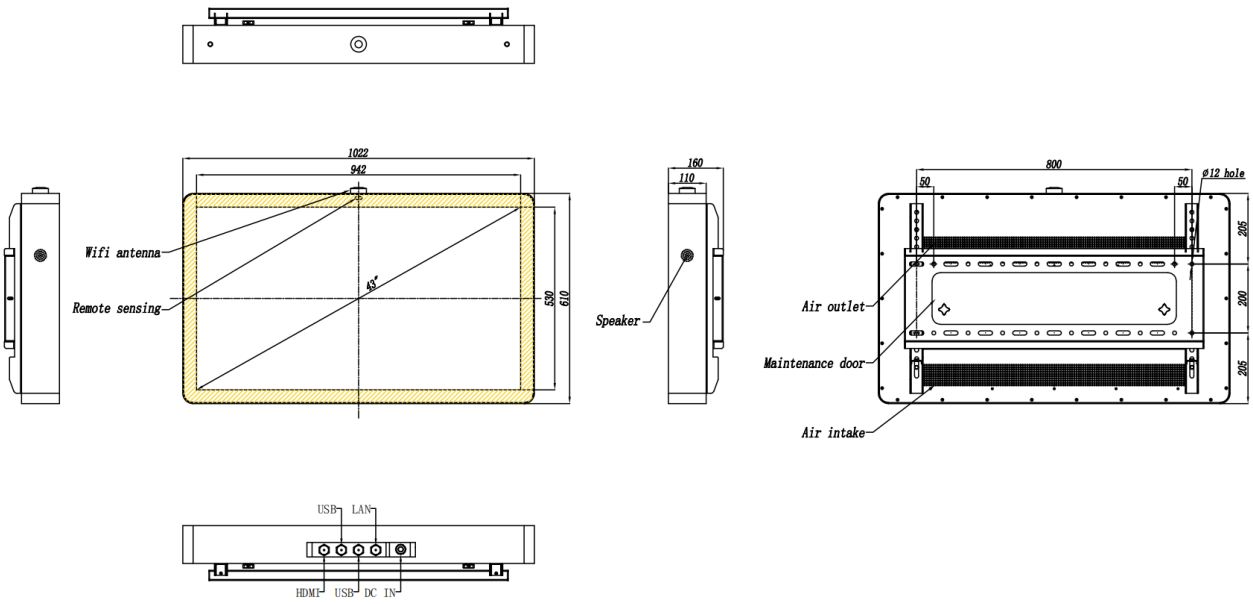
No.	Items	Specifications
1	**Main parameters**	**Main parameters**
2	Model	TS-430THD
3	Product type	OUTDOOR DISPLAY TERMINAL
4	Structure	Aluminum Die-Casting/Black (Closed Sealed)
5	Brand	TECHTION
6	**Display parameters**	**Display parameters**
7	LCD Size	43”
8	Panel Type	IPS
9	Active Area	941.184(W)×529.416(H) mm
10	Resolution	1920*1080
11	Contrast Ratio	100000:1
12	Picture Aatio	16:9
13	Viewing Angle	178(H)*178(V)
14	Orientation	Landscape
15	Response Time	8ms （G to G BW）
16	Backlight Type	D-LED
17	Brightness	2500nits
18	Life span	50000H
19	IP/IK Rating	IP66/IK10
20	**Cover Glass**	**Cover Glass parameters**

21	Type of glass	Tempered Glass
22	Cover Lens Thickness	5mm
23	Surface Technology	Anti-reflective
24	Transmittance	> 90%
25	**Mainboard solution**	**X86 solution**
26	CHIP	I5 4200U
27	CPU	Integrated Intel®Celeron @1.6GHz
28	GPU	Intel HD Graphics 4400
29	DDR	DDR4-4G
30	EMMC	128G SSD
31	OS	Windows 10 Pro（Windows 11/Linux optional）
32	LAN	1000M
33	WiFi	2.4G/5G
34	B/T	4.0
35	Interface	USB3.0*2,USB2.0,RJ45*1,VGA*1,HDMI *1,Wifi antenna*1
36	**Power consumption**	**Power consumption**
37	Power consumption（w）	298W(Max)
38	Supply Voltage（v）	AC110-240V，60 Hz
39	Audio output power	8Ω*5W*2
40	**Dimensions**	**Dimensions**
41	Packing Size (mm)	430*365*153mm
42	Product Dimensions(mm)	1022*610*160mm (with wall bracket)

43	NW(kg)	TBD
44	GW(kg)	TBD
45	VESA Hole Size(mm)	800*200mm
46	Installation	Wall Mount
47	**Accessories**	**Accessories**
48	Power Cable	1(AC 110-240V 50/60Hz)
49	HDMI Cable	1
50	LAN Cable	1
51	USB Cable	1
52	Wifi antenna	1
53	**Environment**	**Environment**
54	Operating temperature	-20℃~70℃
55	Operating humidity	5%~95% RH Non-Condensing
56	Storage temperature	-20℃~70℃
57	Storage humidity	5%~95% RH Non-Condensing

3、产品外观图/Product Appearance

4、六视图/Six views（mm)



5、安装方式/Installation