

# PRODUCT SPECIFICATION

Product Name: OUTDOOR DISPLAY TERMINAL

Product Model: TS-550THD

Product Part#: /

Version: V0



<b><u>TECHTION SMART</u></b>		
Organized by	Checked by	Approved by
Connie		

<b><u>CUSTOMER APPROVAL</u></b>	
Approved by	Comment

# Contents

1、 Product Structure .....	4
2、 Features .....	4
3、 Physical Specifications.....	5-7
4、 Product Appearance.....	8
5、 Six Views .....	8

## Document Revision History

Date	Version	Description	Editor
2024.08.16	V0	New Release	Connie

## 1、 Product Structure

- 55 inch LG wide-temperature and high-brightness LCD screen,optical bonding.
- Brightness 3000cd/m<sup>2</sup> , with 5mm tempered explosion-proof glass ,Anti-reflective,Anti-glare,UV resistant ,IR Block,Sun Protection.
- The internal structure is modularly designed, reinforced with ribs, and the wiring is neat. The machine material is a profile shell, and the painting process uses double-layer spray outdoor powder.
- The whole machine is designed to be rainproof, dustproof, and sunproof, and is maintenance-free.The product adopts fanless aluminum plate for heat dissipation
- Functions: Intelligent Android mainboard, supports Wifi, RJ45 interface, and supports full HD 1920x1080 decoding.

## 2、 Features

- Product Appearance: Standard case , Various appearances can be designed according to customer needs, with novel designs and diverse styles.
- IP Level: The whole machine adopts a fully enclosed design to prevent external dust and water from entering the interior and meets the IP66 level.
- Sun Protection and Explosion-proof: The shell is made of galvanized steel plate, which has been treated with special outdoor powder spray paint, waterproof and sun protection, anti-corrosion and explosion-proof professional surface technology; it can be used outdoors for up to 10 years without fading.
- Continuous operation 24 hours a day,supports portrait and landscape display modes.
- High Definition and High Brightness: High resolution, high contrast, high intensity, greatly improves the layering of the picture, 16.7M colors, the picture is more natural and delicate.
- Application: Stores, pedestrian streets, shopping malls, hotels, squares, schools, parks, enterprises and institutions, communities, bus stops, etc.
- Brightness can be adjusted through the mainboard menu.

### 3、Physical Specifications

No.	Items	Specifications
<b>1</b>	<b>Main parameters</b>	<b>Main parameters</b>
2	Model	TS-550THD
3	Product type	OUTDOOR DISPLAY TERMINAL
4	Frame	Closed Sealed /Galvanized steel plate/(Black)
5	Brand	TECHTION
<b>6</b>	<b>Display</b>	<b>Display parameters</b>
7	LCD Size	55"
8	Active Area	1209.6(W)×680.4(H) mm
9	Resolution	1920*1080
10	Contrast Ratio	1000:1
11	Pixel pitch	0.210 mm x 0.630 mm
12	Viewing Angle	178(H)*178(V)
13	Orientation	Landscape and Portrait
14	Response Time	9ms (G to G BW)
15	Backlight Type	D-LED
16	Brightness	≥3000cd/m2 (typ)
17	Life span	50000H
18	IP Rating	IP66
<b>19</b>	<b>Touch parameters</b>	<b>Touch parameters</b>
20	Touch Types	Capacitive(G+G) -Optical Bonding

21	Clicks	Capacitive > 50 million times
22	Cover Lens Thickness	5mm
23	Surface Technology	Anti-reflective, Anti-glare, UV resistant, IR blocker
24	Touch Point	10 points
25	Type of glass	Chemically strengthened
26	Transmittance	> 85%
<b>27</b>	<b>Board Solution</b>	<b>Board Solution</b>
28	Chip	RK3568
29	CPU	Core A55*4 @2.0GHz
30	GPU	Mali-G52 GPU
31	RAM	2G
32	ROM	32G
33	OS	Android11
34	LAN	10/100/1000M
35	WiFi	2.4G/5G
36	B/T	5.0
37	External Connectors	USB2.0 *1, RJ45*1, HDMI*1, AC*1, Wifi *1
<b>38</b>	<b>Power</b>	<b>Power consumption</b>
39	Power consumption (w)	250W(Max)
40	Supply Voltage (v)	AC100-240V, 50/60 Hz
41	Audio output power	8Ω5W*2 (Optional)
<b>42</b>	<b>Dimensions</b>	<b>Dimensions</b>

43	Packing Size (mm)	1620*260*1000mm (Wood Case)
44	Product Dimensions	1291*762*125mm
45	NW(kg)	65 kg
46	GW(kg)	100 kg
47	Installation	Wall Mounting
<b>48</b>	<b>Accessories</b>	<b>Accessorie</b>
49	Power Cable	1 (AC 100-240V 50/60Hz)
50	HDMI Cable	1
51	Network Cable	*1
<b>52</b>	<b>Environment</b>	<b>Environment</b>
53	Operating temperature	-20°C~60°C
54	Operating humidity	10% ~ 90% RH Non-Condensing
55	Storage temperature	-20°C~60°C
56	Storage humidity	5%~90% RH Non-Condensing

#### 4、产品外观图/Product Appearance (only for reference , please refer to the actual product).



#### 5、六视图/Six Views (mm)

