

PRODUCT SPECIFICATION

Product Name:E-PAPER BUS STOP SIGN

Product Model:TS-133EPD

Product Part #:2.04.001330016

Version: V0



TECHTION SMART

Organized by	Checked by	Approved by
Randy		

CUSTOMER APPROVAL

Approved by	Comment

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Document Revision History

Date	Version	Description	Editor
2024.12.30	V0	New Release	Randy

1、Features

- 整机全金属结构，耐高温，防强电干扰，IP65防水防尘
The whole machine is made of metal, resistant to high temperature, strong electrical interference, IP65 waterproof and dustproof.
- 采用专业Eink技术，视角可达 178°，趋近于水平
Using professional Eink technology, the viewing angle can reach 178°, close to horizontal.
- 采用全贴合前光模式，超低功耗，节能减排
Adopt optical bonding front light mode, ultra-low power consumption, energy saving and emission reduction.
- 阳光下可读，光照越强显示效果越好，且屏幕无蓝光和屏闪，舒适护眼
Readable in sunlight, the stronger the sunlight, the better the display effect, and the screen has no blue light and screen flicker, comfortable and eye-protecting.
- 支持全天候连续不间断运行24H（可选锂电池），晚上使用前光补光
Supports 24-hour continuous operation (lithium battery for energy storage), and uses front light to fill in the light at night.
- 产品采用工业级设计，具有良好的抗震性、抗冲击性，适应户外苛刻环境
The product adopts industrial-grade design, has good shock resistance and impact resistance, and is suitable for harsh outdoor environments.
- 应用：户外智能公交，地铁，机场等户外公共领域的资讯显示屏幕
Applications: Outdoor smart buses, subways, airports and other outdoor public areas information display screen.

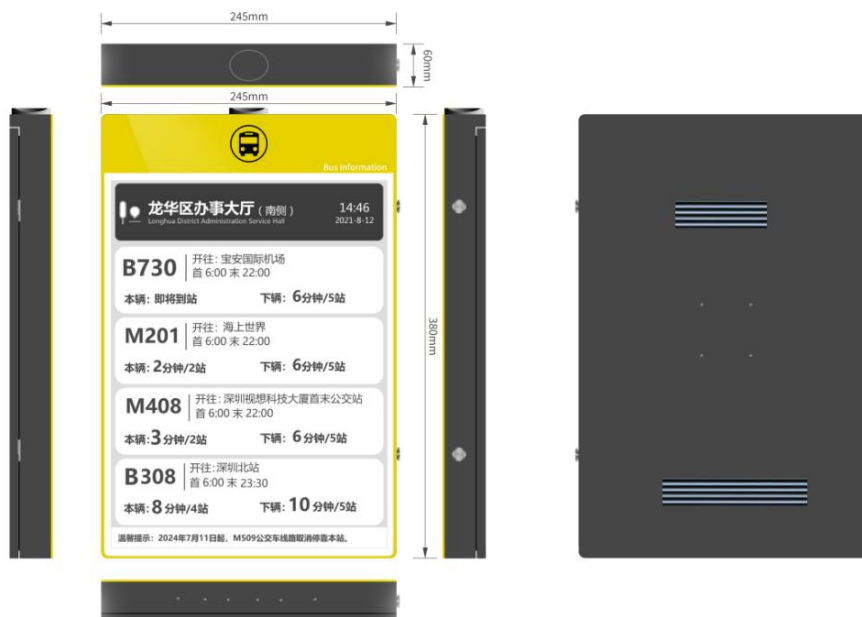
2、PHYSICAL SPECIFICATIONS

No.	Items	Specifications
1	Main Parameters	Main Parameters
2	Model	TS-133EPD
3	Product Type	E-PAPER BUS STOP SIGN
4	Structure	Sheet Metal /Black
5	Brand	TECHTION
6	Display Parameters	Display Parameters
7	LCD Size	13.3"
8	Panel Type	Black and white ink screen
9	Active Area	270.4(H)×202.8(V)mm
10	Resolution	1600*1200
10	Contrast Ratio	16:1
11	Refresh Rate	75HZ(Max)
12	Aspect Ratio	4:3
13	Pixel Pitch	0.169 (H) ×0.169(V)mm
14	Viewing Angle	178°(H)×178°(V)
15	Color	Black and White 16 Grayscale
16	Frontlight Type	E-LED
17	Frontlight Power	2W (Max)
18	Cover Glass	3mm/Anti-UV/AG
19	Brushing time	≤2s

20	IP Level	IP65
21	IK Level	IK08
22	Life Span	30000H
23	Android Solution	Android Solution
24	Chip	RK3288
25	CPU	Cortex-A17*4@1.8GHz
26	GPU	ARM Mali-T764
27	DDR	2G
28	EMMC	16G
29	OS	Android7.1
30	LAN	10/100M
31	WiFi	2.4G
32	B/T	4.0
33	Brushing Method	USB
34	Optional	4G Module
35	I/O Ports	RJ45*1,HDMI-OUT,USB2.0 *2(OTG*1),SIM Card*1, DC *1
36	Support Secondary Development	API OR SDK
37	Power Consumption	Power Consumption
38	Standby Power (w)	≤0.01W
39	Power Consumption (w)	≤6W (Brushing images)

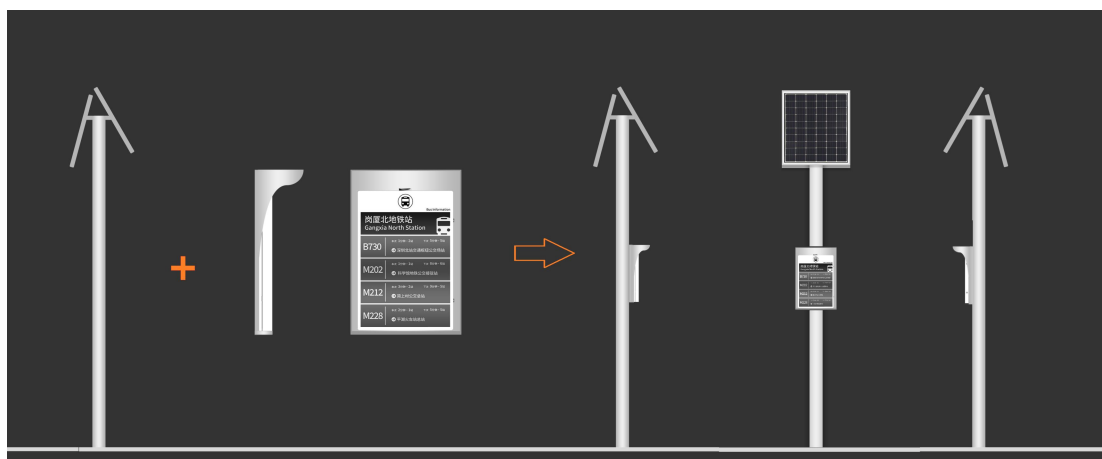
40	Supply Voltage (v)	DC12V
41	Lithium Battery	25AH (Optional)
42	Solar panels	100W (Optional)
43	Dimensions	Dimensions
44	Packing Size (mm)	460*360*180mm
45	Product Dimensions(mm)	245*380*60mm
46	NW(kg)	About 4kg
47	GW(kg)	5.5kg
48	Installation	Wall mounting /Embedded
49	Accessories	Accessorie
50	Power Cable	*1 (AC 100-240V 50/60Hz)
51	Adapter	DC12V or
52	Wall Mount Bracket	*1 (with screws)
53	Optional	Solar Panel &Lithium battery ,Floor Stand
54	Environment	Environment
55	Operating Temperature	-15℃~65℃
56	Operating Humidity	20% ~ 90% RH Non-Condensing
57	Storage Temperature	-25℃~70℃
58	Storage Humidity	20%~90% RH Non-Condensing

3、产品外观图/Product Appearance

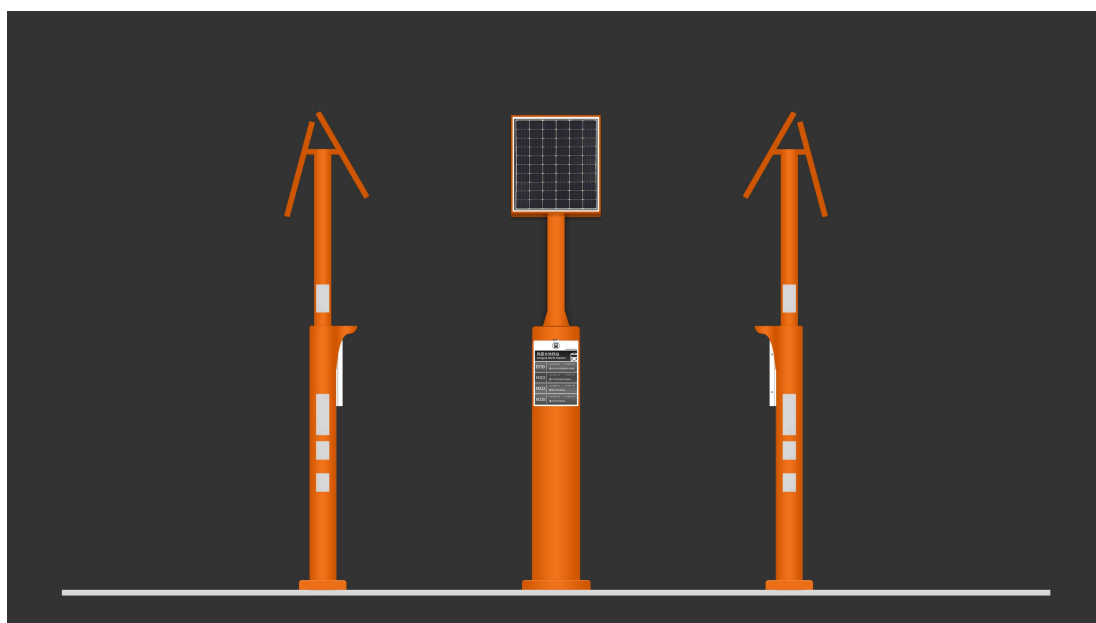


4、六视图/Six views (mm)

5、场景应用参考 /Application Scenarios Reference



(一)



(二)