

PRODUCT SPECIFICATION

Product Name: BUS AND METRO GUIDE PANEL

Product Model: TS-286THD

Product Part #: 2.04.009200017

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
2024.04.29	V0	New Release	Randy

1、Features

- 整机全金属结构，防辐射、防磁场、防强电干扰
The whole machine has an all-metal structure, preventing radiation, magnetic fields, and strong electric interference.
- 采用专业硬屏技术，可视角度大，响应速度快，色彩还原度高
Adopting professional IPS screen technology, large viewing angle, fast response speed and high color reproduction
- 采用 E-LED背光模式，亮度表现更均匀
Adopting E-LED backlight mode, the brightness is more uniform
- 1920*560的高物理分辨率，画质表现更细腻
High physical resolution of 1920*560, the vision is more delicate
- 视角可达 178°，趋近于水平
Viewing angle up to 178°, close to horizontal
- 全天候连续不间断运行24H
Continuous operation 24 hours a day
- 工业级设计，高可靠性、高稳定性、低功耗
Industrial-grade design, high reliability, high stability, low power consumption
- 具有良好的抗震性、抗冲击性，适应苛刻环境
It has good earthquake resistance and impact resistance, and can adapt to harsh environments.
- 支持RTC实时时钟、定时开关机、网络唤醒
Supports RTC real-time clock, scheduled power on and off, network wake-up.
- 应用：智慧交通（公交、地铁等）
Applications: smart transportation (bus, metro etc).

2、PHYSICAL SPECIFICATIONS

No.	Items	Specifications
1	Main parameters	Main parameters
2	Model	TS-286THD
3	Product type	BUS AND METRO GUIDE PANEL
4	Frame	Sheet metal Frame/Black
5	Brand	TECHTION
6	Display parameters	Display parameters
7	LCD Size	28.6"
8	Active Area	699(W)×203(H) mm
9	Resolution	1920*560
10	Contrast Ratio	1200:1
11	Pixel pitch	0.36375×0.36375 mm
12	Viewing Angle	80/80/80/80(Typ.)(CR≥10)
13	Response Time	18 ms
14	Backlight Type	E-LED
15	Brightness	≥350cd/m2 (typ)
16	Life span	50000H
17	Android solution	Android solution
18	Chip	MTK9255E
19	CPU	Cortex-A53*4@1.4GHz

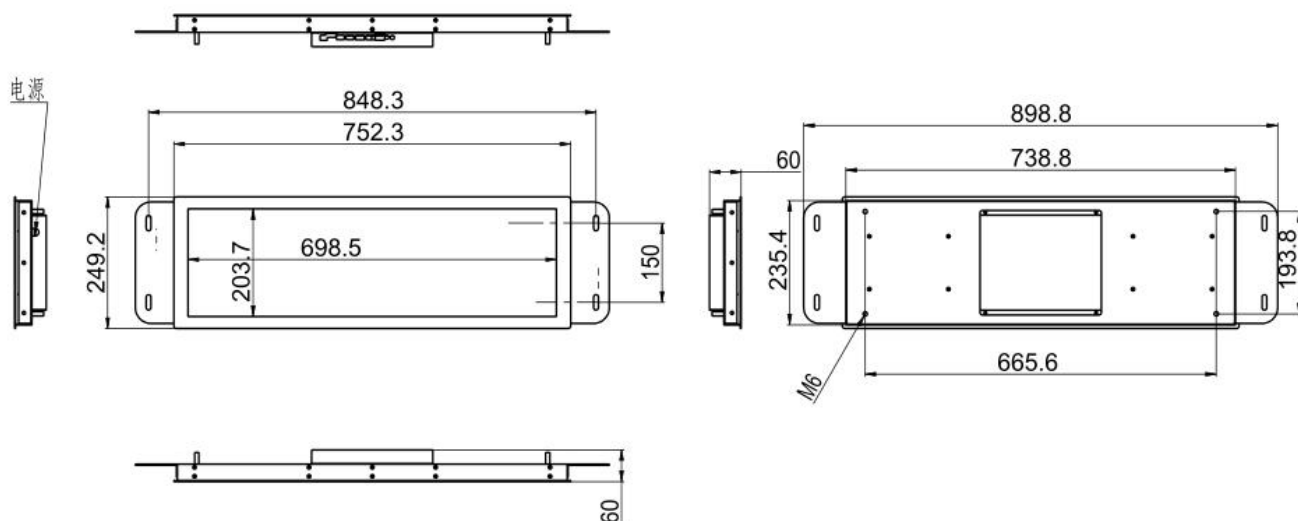
20	GPU	ARMG31MP2
21	DDR	1G
22	EMMC	8G/16G
23	OS	Android9.0
24	LAN	10/100M
25	WiFi	2.4G
26	B/T	4.2
27	System upgrade	USB\TF Card
28	4G module	Optional
29	External Connectors	RJ45*1,EARPHONE*1,HDMI*2,USB2.0 *2,TF Card*2,SIM Card*1,AV IN*1, DC *1
30	Power consumption	Power consumption
31	Standby power (w)	≤1W
32	Power consumption (w)	≤35W
33	Supply Voltage (v)	AC220V, 50/60 Hz/DC9-36V(Optional)
34	Audio output power	4Ω*2W
35	Dimensions	Dimensions
36	Packing Size (mm)	835*160*350mm
37	Product Dimensions(mm)	752.3*249.2*60mm
38	NW(kg)	7.0kg
39	GW(kg)	8.5kg
40	Embedded hole size(mm)	752.3*249.2mm

41	Installation	Embedded
42	Accessories	Accessorie
43	Power Cable	1 (AC 100-240V 50/60Hz)
44	Fixed part	Recessed clip*2, M8x25 screw*6
45	Wifi antenna	1
46	Environment	Environment
47	Operating temperature	-0°C~60°C
48	Operating humidity	10%~90% RH Non-Condensing
49	Storage temperature	-10°C~60°C
50	Storage humidity	5%~80% RH Non-Condensing

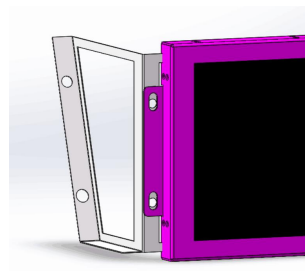
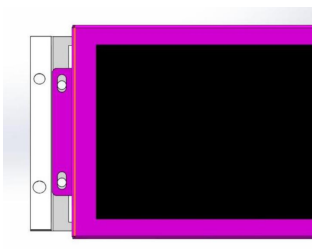
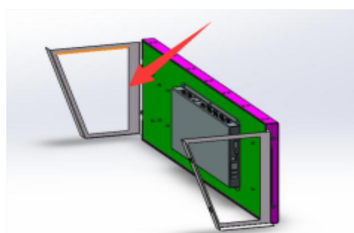
3、产品外观图/Product Appearance



4、六视图/Six views (mm)



5、安装方式/Installation



This solution uses an integral bracket to connect and fix it with the car body in the air duct. After fixing, fix the fixing holes on both sides of the screen with the screws of the bracket. There is shock-absorbing rubber between the screen body and the bracket. This bracket is quick and convenient to install, and the later maintenance is also relatively easy. Convenient, different designs can be adopted according to different models, and the bracket mounting holes are accurately aligned with the screen positioning holes.