
55-inch Outdoor Floor Standing Digital Signage Specifications

1. Outdoor floor-standing digital signage structure

1.1 Use 55-inch LG /BOE LCD screen.

1.2 Brightness requirement is 2000cd /m², with automatic ambient light sensing and tempered explosion-proof glass.

1.3 The internal structure is modularly designed, reinforced with ribs, and the wiring is neat. The whole machine is strong enough to withstand a level 12 typhoon. The machine is made of galvanized steel plate and the painting process uses double-layer outdoor powder.

1.4 The whole machine adopts high-quality fan for heat dissipation, and is equipped with lightning protection, overload, overvoltage, overcurrent and overtemperature protection equipment. The structure is designed to be rainproof, dustproof and sun-proof.

1.5 Function requirements: use industrial-grade Android motherboard, support Wifi, RJ45 interface, 4G networking (optional), can control multiple or single devices, and support full HD 1920 x 1080 decoding.

1.6 Nano touch or nano touch (optional), 10-point touch, touch deviation ≤ 2mm, power consumption 1.5W, driver-free, light transmittance above 93%, transmission method USB2.0.

2. Features

Model appearance: Standard shell, various appearances can be designed according to customer needs, with novel design, diverse styles and high-end extraordinary.

Timed backlight: supports 3 groups of backlight timing control in different time periods, supports optional working status from Monday to Sunday, and supports Android APP interface operation.

Intelligent temperature control: Intelligent temperature control system maintains a constant temperature and dry environment inside the machine to prevent fogging and condensation.

Dustproof and waterproof: The whole sealed design prevents external dust and water from entering the interior, meeting the IP55 grade standard.

Sun-proof and explosion-proof: The outer shell is galvanized steel plate, which has been treated with special outdoor powder spray paint, waterproof and sun-proof, anti-corrosion and explosion-proof professional surface technology; it can be used outdoors for up to 10 years without fading.

High definition and high brightness: high resolution, high contrast, high brightness, greatly improve the sense of picture layering, 16.7M colors, the picture is more natural and delicate.

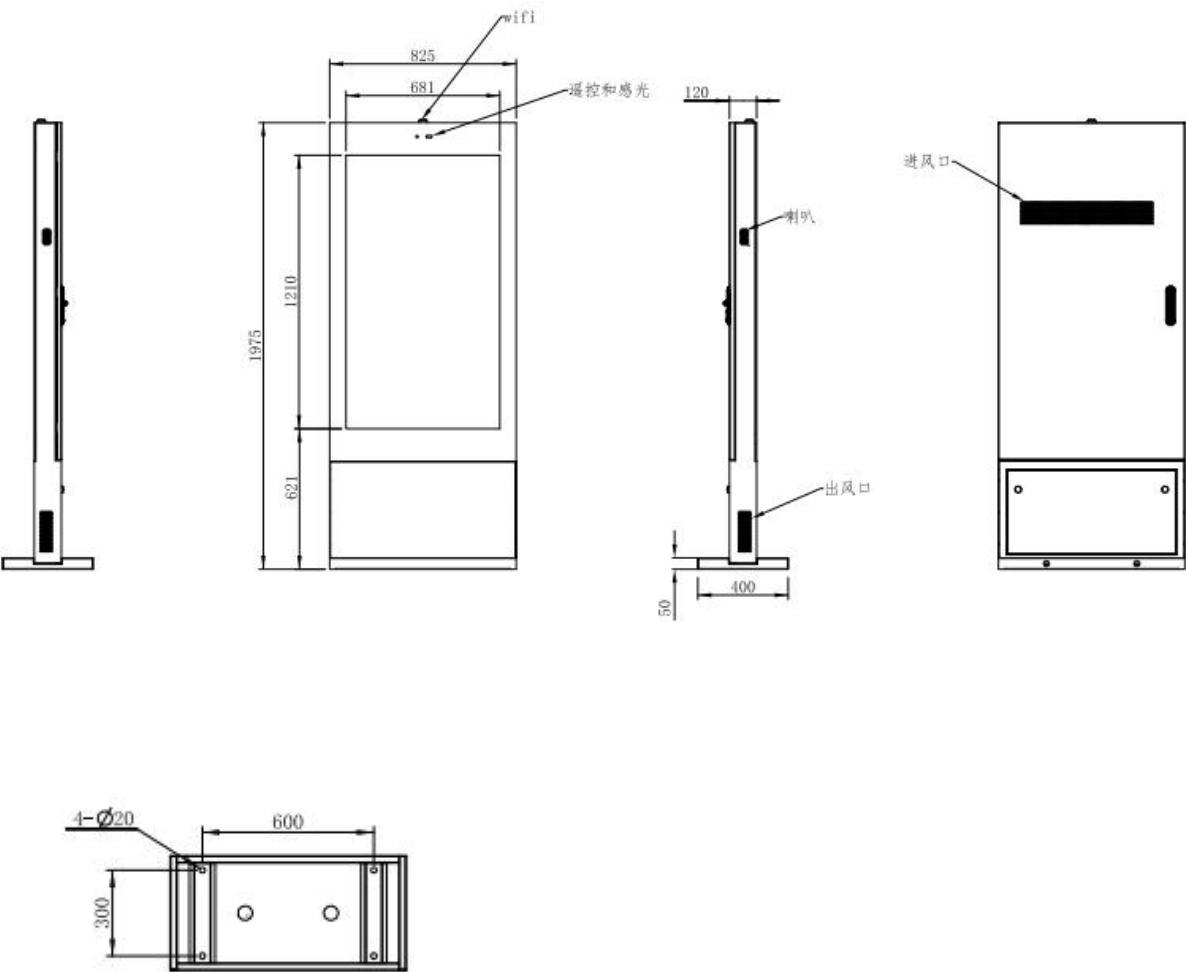
3. Electrical parameters

Electrical parameters		
Sheet metal housing	Sheet metal material	The sheet metal shell is made of 1.5mm SGCC galvanized steel.
	Shell coating	The inner layer is sprayed with zinc-rich base powder, and the surface is sprayed with Aksu outdoor plastic powder for protection.
	Use life	The service life is guaranteed to be more than 10 years.
Explosion-proof glass	Performance parameters	6mm tempered glass, when the glass is damaged by external force, the fragments will become small obtuse-angled particles similar to honeycomb, which is not easy to cause serious harm to the human body. The impact strength of tempered glass is 3 to 5 times that of ordinary glass, and the bending strength is 3 to 5 times that of ordinary glass.
Electronic control system	Leakage protection	Leakage protection, over-current and over-voltage protection.
	Timed power supply	by time period and week .
	Lightning protection level	Lightning arrester, lightning protection level C, to prevent instantaneous induced lightning strikes.
	Power Brand	Taiwan Mean Well industrial-grade power supply, stable and reliable power supply.
Cooling System	Temperature control	The intelligent fan has integrated temperature control to ensure that the display screen does not blacken and the whole machine works normally in an outdoor environment of -30-+50 degrees.
	Fan Type	It uses imported axial flow fans, and the independently developed control panel has intelligent speed regulation, and the fan can work on a scheduled basis, thus achieving energy saving and power saving and extending the service life of the fan.
	Heater	(Optional) PTC heating module
Work Environment	Ambient	-30℃ to 50℃
	Ambient humidity	5% to 90%
	Operating voltage	220V
Machine weight		100 KG
Packing size		Length 2130*width 540*height 1040mm (horizontally)



Android		WINDOWS	
Display size	55 inches	Display size	55 inches
Display area	1210 * 681 mm	Display area	1210*681 mm
Display Scale	16:9	Display Scale	16:9
Resolution	1920 * 1080	Resolution	1920 * 1080
brightness	2000cd/m²	brightness	2000cd/m²
Contrast	1200:1	Contrast	1200:1
Viewing Angle	178° horizontal / 178° vertical	Viewing Angle	178° horizontal / 178° vertical
CPU	RS3568	CPU	I5 4 th (I7/ 6 th 7 th 8 th 10 th optional)
RAM	2G DDR (4G, 8G optional)	RAM	4G (8G , 16G optional)
ROM	8G Flash (16G, 32G, 64G optional)	ROM	128G (256G, 512G optional)
interface	USB2.0* 4 RJ45*1	interface	USB2.0* 4 RJ45*1
Version	Android11 and above	Version	WINDOWS10/WINDOWS11
Video Interface	HDMI	Video Interface	HDMI
Protection level	IP55	Protection level	IP55
Protective glass	6 mm tempered explosion -proof glass	Protective glass	6 mm tempered explosion -proof glass
Brightness Control	Automatic photosensitivity system	Brightness Control	Automatic photosensitivity system
Speaker power	8 ohms 2×10W	Speaker power	8 ohms 2×10W
Cooling System	Automatic temperature sensing and stepless speed regulation smart fan	Cooling System	Automatic temperature sensing and stepless speed regulation smart fan
Operating temperature	-30°C to +50°C	Operating temperature	-30°C to +50°C
Operating humidity	5% to 90%	Operating humidity	5% to 90%
Working life	50000h	Working life	50000h
power supply	220V	power supply	220V
power	400 W	power	400 W
The above is for reference only , the actual product shall prevail			

4. Product size diagram



5. Physical Effect

