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# 43-inch Outdoor Floor Standing Digital Signage Specifications

## 1. Outdoor floor-standing digital signage structure

1.1 Use 43- inch LG /BOE LCD screen.

1.2 Brightness requirement is 2000cd /m<sup>2</sup>, 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            |                            |                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sheet metal housing</b>       | 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.                                                                                                                                                                                                                                                                                                 |
| <b>Explosion-proof glass</b>     | Performance parameters     | 5mm 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. |
| <b>Electronic control system</b> | 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.                                                                                                                                                                                                                                                                        |
| <b>Cooling System</b>            | 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                                                                                                                                                                                                                                                                                                                          |
| <b>Work Environment</b>          | Ambient temperature        | -30℃ to 50℃                                                                                                                                                                                                                                                                                                                                              |
|                                  | Ambient humidity           | 5% to 90%                                                                                                                                                                                                                                                                                                                                                |
|                                  | Operating voltage          | 220V                                                                                                                                                                                                                                                                                                                                                     |
| <b>Machine weight</b>            |                            | 83 KG                                                                                                                                                                                                                                                                                                                                                    |
| <b>Packing size</b>              |                            | Length 2035*width 540*height 890mm (horizontally)                                                                                                                                                                                                                                                                                                        |



| Android               |                                                                       | WINDOWS               |                                                                                                     |
|-----------------------|-----------------------------------------------------------------------|-----------------------|-----------------------------------------------------------------------------------------------------|
| Display size          | 43 inches                                                             | Display size          | 43 inches                                                                                           |
| Display area          | 941 * 530 mm                                                          | Display area          | 941 * 530 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 <sup>th</sup> ( I7/ 6 <sup>th</sup> 7 <sup>th</sup> 8 <sup>th</sup> 10 <sup>th</sup> 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               | Android 11 and above                                                  | Version               | WINDOWS 10 /WINDOWS1 1                                                                              |
| Video Interface       | HDMI                                                                  | Video Interface       | HDMI                                                                                                |
| Protection level      | IP55                                                                  | Protection level      | IP55                                                                                                |
| Protective glass      | 5 mm tempered explosion -proof glass                                  | Protective glass      | 5 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                 | 300 W                                                                 | power                 | 300 W                                                                                               |

The above is for reference only , the actual product shall prevail

## 4. Product size diagram

