

Outdoor vertical screen floor standing digital signage with air conditioner specification -A style



This product is a commercial smart high-brightness LCD advertising machine, widely used in outdoor locations with high foot traffic, such as scenic spots, parks, communities, streets, and media business districts. It utilizes terminal display devices to broadcast commercial advertisements and multimedia audiovisual systems related to the application scenarios. The system can play advertising information to specific groups of people at designated locations and during specific time periods. We focus on the research and production of outdoor smart LCD display devices, ensuring that our products are more competitive than those of our peers, both technically and in practical applications.

1.Product description

1. Structure

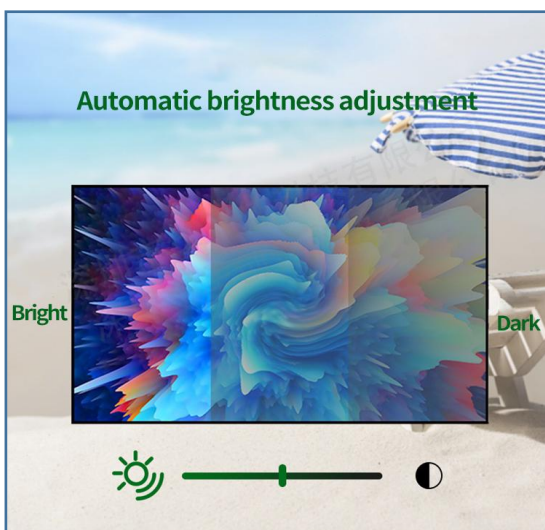
According to the shell protection grade GB4208-2017 standard, the protection grade of the integrated chassis and constant temperature system used in this equipment meets the IP65 standard for all outdoor equipment, and the design follows the following principles.

- (1)The shell is made of 1.2-3.0MM SGCC galvanized steel plate, sprayed with Akzonobel outdoor special plastic powder, and the protection life is 5-8 years.
- (2)The shell structure is designed to waterproof the sink and the inlet and outlet air holes, meeting the IP65 protection level.
- (3)Dustproof design: The inlet and outlet design of special high-efficiency dustproof filter, filter the dust in the air, and can prevent mosquitoes from entering the machine inside, minimalist disassembly design, convenient for customers to maintain regularly.
- (4)The protective glass in front of the whole screen is made of 5-8mm high permeability tempered glass, transmittance $\geq 96\%$, high transmittance, anti-reflection, tempered explosion-proof.
- (5)The whole machine adopts modular design, the door can be convenient to repair the internal display, cooling components and electronic parts.
- (6)Installation holes are designed at the bottom of the machine, which can be fixed by expansion bolts or embedded threaded rods.



2.Display

- (1)The use of LG\BOE\AUO brand LCD screen, brightness up to 2000-2500cd/m², video image more bright, more three-dimensional sense.
- (2)High resolution, high contrast, high brightness, greatly improve the picture layer sense, can better show the picture details.
- (3)With automatic elimination of residual shadow function, anti-ultraviolet, heat insulation, automatic light sense green energy saving, protect the long-term use of the LCD screen.
- (4)With black level extension adaptive function, enhance image depth of field sense.
- (5)16.7M color, the picture is more natural, and the delicate picture is really without tailing.
- (6)Ultra-long life, 7*24H uninterrupted work, service life of up to 50,000 hours.



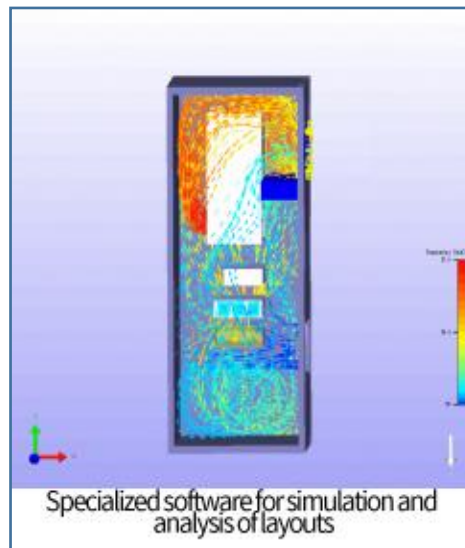
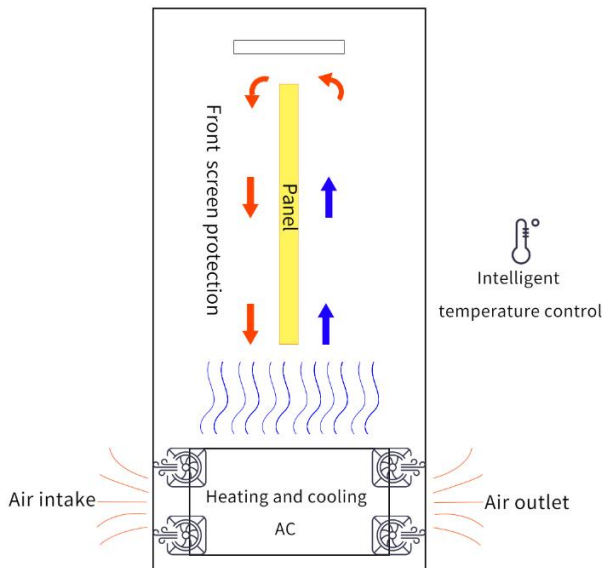


3 Electrical

- (1)Electrical protection: surge protection, leakage, overload, overvoltage protection, high temperature protection, etc.
- (2)Audio: The use of dual channel, stereo surround power amplifier system, output power of 8 euro 10W.
- (3)Working ambient temperature design standard -20°C ~ +50°C
- (4)Adopt the principle of modular design, sustainable and maintainable design.
- (5)Automatic photosensitive adjustment: The screen backlight adopts automatic ambient light induction, and real-time adjustment of the screen brightness meets the clear image display in the strong direct sunlight environment, and makes the screen not dazzling at night, energy saving and environmental protection.

4.Heat dissipation

- (1)The use of intelligent heating and cooling industrial air control temperature to meet the normal operation of the whole machine in the outdoor environment of -40-+55 °C
- (2)Professional customized research and development of industrial air conditioners, fully matching the power consumption of the whole machine.
- (3)Self-dynamic temperature system to ensure that the internal temperature is within the range of 0-40 degrees.
- (4)High-precision filtration system ensures that no dust enters the machine, and the whole machine protection

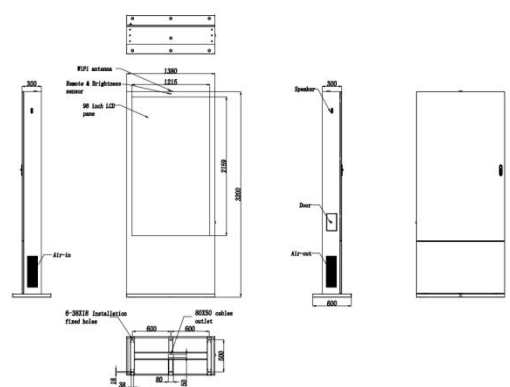
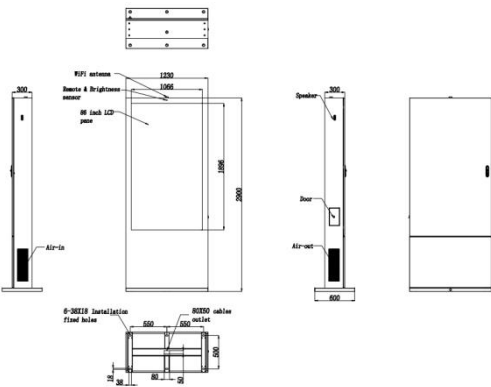
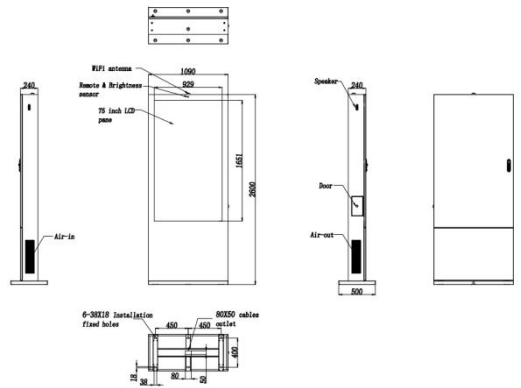
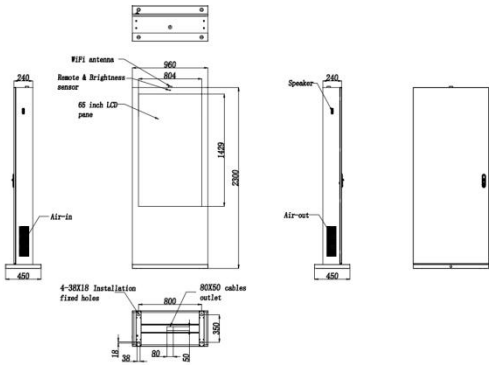
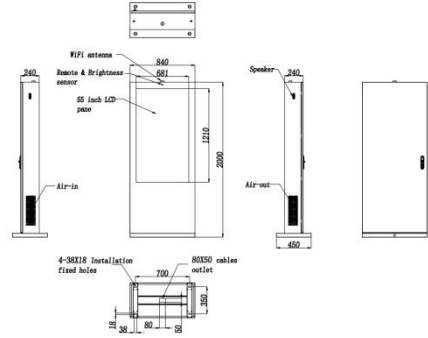
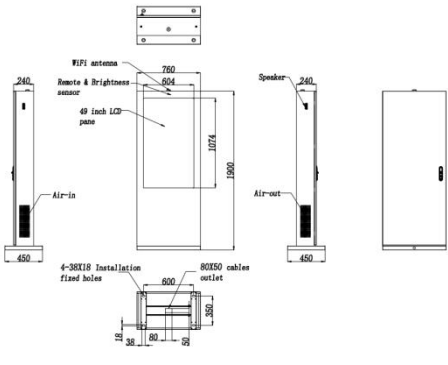
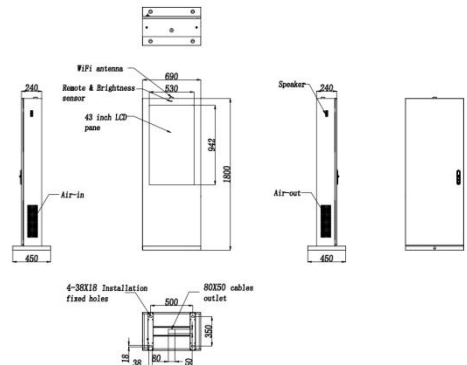
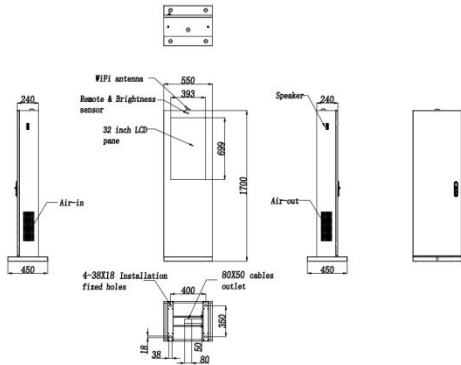


2.Product technical & parameter

| Model | | 32 inch | 43 inch | 49 inch | 55 inch |
|-----------------------|------------------------------|--|---|---|--|
| Panel Spec | Backlight type | Direct LED type | | | |
| | Display dimension (mm) | 697*392 | 941*530 | 1074*604 | 1210*681 |
| | Display ration | 16:9 | | | |
| | Resolution | 1920*1080 | | | |
| | Brightness | 2000-2500cd/m ² | | | |
| | Contrast | 3500:1 | | | |
| | View angle | 178° (H) /178° (V) | | | |
| | Response time | 6ms | | | |
| | Life time | 50000 hours | | | |
| Main board | Motherboard | Can choose RK3288 or X86 system | | | |
| | Ram | 1G/2G/4G/8G etc of DDR3 | | | |
| | Storage | 8G/16G/32G/64G/128G/256G | | | |
| | OS | Android/Windows | | | |
| | Video format | MPG, MPG-1, MPG-2, MPG-4, AVI, MP4, TS, MKV, WMV | | | |
| | Picture format | GIF, JPEG, PNG, BMP | | | |
| | Audio output | 8Ω10W * 2 | | | |
| | Other format | MP3, 24bit linear PCM7.1 PDF/ RSS news/weather forecast | | | |
| | Network | LAN network, WiFi wireless network | | | |
| | Update method | Network remote update, USB update | | | |
| | Display mode | Controllable full-screen and split-screen playback (create multi-screen display, logo area, calendar area, video area, image area, subtitle area, etc.) can be divided freely, and the screen display layout can be arranged by oneself. | | | |
| | Program upgrade | Remote upgrade, remote control upgrade | | | |
| | Scheduled Power On/Off | Support setting arbitrary time periods | | | |
| Optional | Networking method | 4G module/4G router wireless networking | | | |
| | Touch method | G+F touch / G+G touch | | | |
| Working Environment | Operation temperature | -40°C~55°C | | | |
| | Storage temperature | -10°C~60°C | | | |
| | Operation humidity | 5%~90% | | | |
| | Storage humidity | 5%~100% | | | |
| | Noisy | <65dB | | | |
| Mechanical parameters | Whole device dimension H*W*D | 1700*550*240mm | 1800*690*240mm | 1900*760*240mm | 2000*840*240mm |
| | Whole device net.weight(kg) | 90kg | 110kg | 125kg | 135kg |
| | Package dimension H*W*D(mm) | Machine 780*1850*520mm AC 700*600*310mm | Machine 920*1950*520mm AC 680*750*310mm | Machine 990*2050*520mm AC 680*750*330mm | Machine 1070*2150*520mm AC 680*750*330mm |
| | Gross packing(kg) | Machine 105kg AC23kg | Machine 125kg AC 23kg | Machine 135kg AC31kg | Machine145kg AC 31kg |
| | Power Consumption | Input voltage | AC110-240V,50/60Hz | | |
| Rated power(W) | | 420W | 570W | 670W | 750W |

| Model | | 65 inch | 75 inch | 86 inch | 98 inch |
|-----------------------|------------------------------|--|--|--|---|
| Panel Spec | Backlight type | Direct LED type | | | |
| | Display dimension | 1429*804mm | 1651*929mm | 1896*1066mm | 2159*1380mm |
| | Display ration | 16:9 | | | |
| | Resolution | 3840*2160 | | | |
| | Brightness | 2000-2500cd/m ² | | | |
| | Contrast | 3500:1 | | | |
| | View angle | 178° (H) /178° (V) | | | |
| | Response time | 6ms | | | |
| | Life time | 50000H | | | |
| Main board | Motherboard | Can choose RK3288 or X86 system | | | |
| | Ram | 1G/2G/4G/8G etc of DDR3 | | | |
| | Storage | 8G/16G/32G/64G/128G/256G | | | |
| | OS | Android/Windows | | | |
| | Video format | MPG, MPG-1, MPG-2, MPG-4, AVI, MP4, TS, MKV, WMV | | | |
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| Working Environment | Operation temperature | -40°C~55°C | | | |
| | Storage temperature | -10°C~+60°C | | | |
| | Operation humidity | 10%~90% | | | |
| | Storage humidity | 5%~95% | | | |
| | Noisy | <65dB | | | |
| Mechanical parameters | Whole device dimension H*W*D | 2300*960*240mm | 2600*1090*240mm | 2900*1230*300mm | 3200*1380*300mm |
| | Whole device net.weight | 180kg | 240kg | 350kg | 530kg |
| | Package dimension H*W*D | Machine 1190*2450*520mm AC 760*950*330mm | Machine 1320*2750*570mm AC 800*950*330mm | Machine 1460*3050*670mm AC 850*930*400mm | Machine 1610*3350*670mm AC 900*1150*400mm |
| | Gross packing | Machine 190kg AC 40kg | Machine 250kg AC 55kg | Machine 340kg AC 90kg | Machine 510kg AC 140kg |
| | Power Consumption | Input voltage | AC110-240V,50/60Hz | | |
| Rated power | | 1130W | 1320W | 2200W | 3000W |

3. Product dimension diagram



4. Application case

