BELOONG

DONGGUAN BELOONG TECHNOLOGY CO., LTD.

Outdoor advertising machine Specification

product information	**Size**	**Style**	**Cooling method**	**Sensitivity**	**Protection level**	**power input**	**Door opening method**	**Glass (default)**
	55inch	Floor-stand	Smart air cooling	Smart photosensitive	IP65	AC100V ~ 240V	Front and rear double doors	Super white full rigidity

Product information remarks: The power consumption of the whole machine is related to the brightness and configuration of the LCD screen. Please contact us for the specific power consumption. The default power input voltage is 220V. If it is 110V, please communicate and indicate in advance!

Standard Configuration	**Lightning protection**	**Leakage protection switch**	**Time switch**	**AC contactor**	**Modular socket**	**power supply**	**speaker**	**Temperature control**
	Three-level lightning protection	Zhengtai	KG316	Zhengtai	triple	Industrial Meanwell Power	Waterproof speaker	Intelligent temperature control

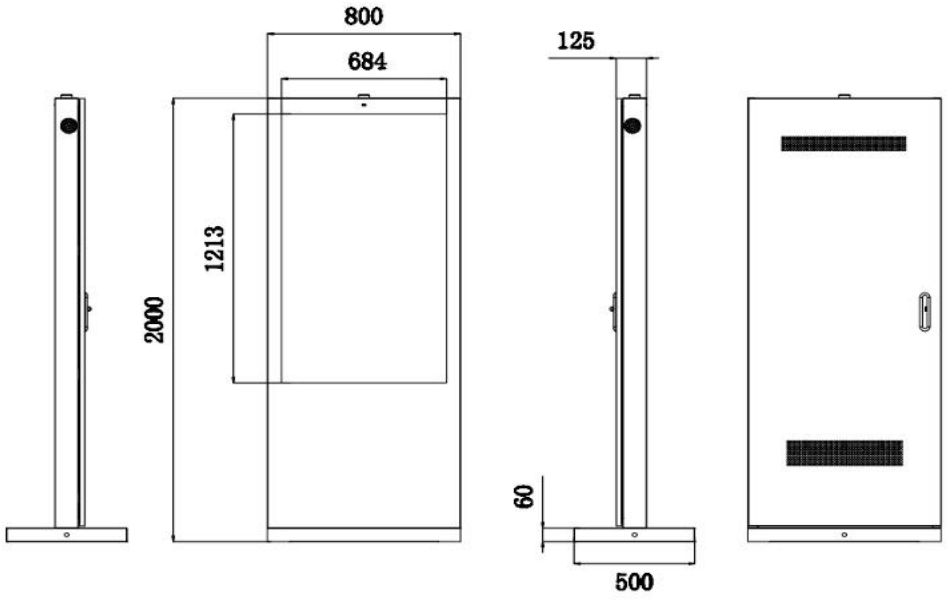
Remarks for standard configuration; some small-size configurations do not have AC contactors and modular sockets. If you need to add other configurations, please contact us for information. The English version of the time control switch is required, please communicate and indicate in advance!

Screen Size	**Panel display size (L*W)**		**Resolution (optional, default 2K)**	**Brightness (optional, default 2000cd/㎡)**	**Viewing angle**	**Response time**	**Backlight mode**
	1214	684	2K/4K	2000cd/㎡-4000cd/㎡	178°	8ms	LED direct type

Display configuration notes; brightness 15003000cd/m2 is optional, default normal brightness is 2000cd/m2, resolution is normal 2K (4K is optional, please communicate in advance

System Configuration	**Android network**	**X86 motherboard**	**Display Board**	**Stand-alone board**	**Letter sending system**
	RK3288/3399/3568	I3/I5/I7	VGA/HDMI	Card/U Disk	Designated by the client or by us

System configuration remarks; the specific storage and memory of the motherboard are communicated and specified according to actual needs, conventional Android motherboard RK3288/RK3568



Product features

1. High-definition highlighting, get clearer picture quality in the sun, and can adapt to various external environments;
2. Intelligent photosensitive, can automatically adjust the brightness according to the environment, reduce light pollution and save electricity;
3. Intelligent temperature control, intelligently adjust the internal temperature and humidity of the equipment to ensure the normal operation of the equipment in an environment of -30--+50 degrees;
4. Outdoor protection level reaches IP55 (air-cooled) to IP65 (air-conditioning), waterproof, dust-proof, moisture-proof, anti-corrosion, and anti-riot;
5. Based on the network 3G/4G/Wifi/LAN and other technologies, it can realize the remote publishing and management of the broadcast content
6. With HDMI, VGA, AV, and other video interfaces for easy playback;
7. The microcomputer time-controlled switch can be set to switch on and off according to the day, week and month to save electricity;
8. Industrial-grade Taiwan Mingwei power supply, waterproof speaker, three-level lightning protection, leakage protection, safe and reliable;
9. Modular design, flexible configuration, convenient maintenance, and the appearance can be customized by users;
10. Unique air duct design heat dissipation and ventilation system, stable and reliable;
11. Support various multimedia file formats: MPEG-1/2/4, MP3, AVI, DAT, PPT, etc.;
12. A wide range of applications: CBD in business districts, telephone booths with high traffic, bus stations, airports, railway stations, docks, park squares,
Leisure places, tourist attractions, high-end communities, catering industry, schools, urban roads, real estate, government and corporate publicity, etc.;
With application software, various industrial applications can be realized...

Performance description

1.Cabinet system (structure)

1. Shell design: The shell is made of 1.0-2.5mm high-quality galvanized sheet, sprayed with outdoor special powder, outdoor anti-corrosion for more than 7 years.
2. Waterproof design: The shell structure is designed with waterproof grooves and a waterproof maze of air inlets and outlets to meet the IP55-IP65 protection level.
3. Dust-proof design: The air inlet and outlet are designed with special dust-proof filter (medium-efficient dust-proof filter) to filter the fine dust in the air and prevent mosquitoes from entering the inside of the machine.
4. High transmittance glass: The protective tempered glass in front of the screen of the whole machine adopts 6mm high transmittance tempered glass or AR anti-glare tempered glass, with light transmittance ⩾97% and high light transmittance.
5. Maintenance: The whole machine adopts front and rear doors, which can facilitate the maintenance of the internal display screen, glass, heat dissipation components and electronic parts; the whole machine adopts a modular design, which is convenient for installation and maintenance.
6. Anti-theft design: The internal fixed design is adopted to prevent the removal of screws from the outside to move the machinery and equipment, and it is truly safe and anti-theft.

Display System

1 Use outdoor dedicated high-brightness LCD screen, brightness 1500cd/m2-3000cd/m2 optional, visible under strong light, design life 50,000+ hours.
2 High-definition picture quality, screen resolution: 1920*1080/3840*2160
3 High dynamic contrast, clearer picture, viewing angle 178°/178°/178°/178°.
4 Intelligent photosensitive system, intelligently adjust the screen brightness according to the ambient light, users can watch programs clearly/comfortably at different times, protecting eyes and saving electricity.
5 Intelligent color calibration, automatic calibration of contrast colors or manual fine-tuning, presenting a perfect picture

Intelligent temperature control system

1. Adopt intelligent direct ventilation (forced air cooling) heat dissipation system, professional and special heat dissipation design.
2. Matching the intelligent temperature control system to control the heat dissipation, which can intelligently adjust the internal air and external air intake of the whole machine according to the internal temperature of the advertising machine. Real-time circulation, all outside wind enters the filter first, and the wind is divided into two air ducts in front of the screen and behind the screen to achieve the heat dissipation effect.

Electric control system

1.The product uses well-known manufacturers' intelligent industrial control motherboards, stand-alone/Android/industrial computer motherboards are optional, and the default Android dual-core. Support remote and local program management (optional).
2. Adopting internationally renowned brand industrial-grade switching power supply, suitable for voltages in different countries around the world, safe, stable, long life, and high energy efficiency.
3. Built-in leakage protector, lightning protection device, AC contactor, modular socket and other configurations, all-round safety protection.
4. Configure intelligent precision timer, two options in Chinese and English, can be set repeatedly, according to the day, week, and month time switch machine, 16 groups can be set at the same time

Electronic function-Android System

1.A variety of high-performance motherboards from well-known manufacturers such as A20, A83, RK3188/3288/3368/3399 can be used.
2.Memory configuration: 1G+8G /2G+8G/2G+16G/2G+32G/4G+32G and other optional configurations.
3.Can support Android 4.4 or 5.0 version. Support Bluetooth 4.0 version.
4.Decoding resolution: support 1920X1080 and above resolution.
5.Play mode: support loop, timing, interstitial play, split screen and partition play, support any combination of multimedia materials, and other play modes.
6.Network support: Ethernet, optional wireless peripheral expansion, optional 3G/4G module)
7.Video playback: support WMV, AVI, FLV, RM, RMVB, MPEG, TS, MP4, VOD, MOV, MKV, MP3, AAC and other formats
8.Picture format: support JPEG, PNG, GIG, BMP and other
9.File formats: support TXT, PPT, WORD, ECELE Other
10. Video output: Support LVDS format video output
11.Audio output: Support HDMI high-definition video output, left and right channel output, built-in 2*10W high-quality audio. 12.Optional support information release system: RTC real-time clock, timing boot, U disk update playlist, U disk network upgrade, remote

Whole machine working environment

Working temperature: air cooling 5°C-50°C/air conditioning -20°C-50°C
Storage temperature: recommended 5°C-35°C
Working humidity: 10% ~ 90%
Storage humidity: 10% ~ 90%

physical photo preview