65-inch Glasses-Free 3D Multimedia Network Advertising Machine Product SpecificationV1.2

Apply to

N080L065-B1

Revision History

Version	Data	Revision
V1.0	2022-12-14	Initial release.
V1.1	2023-01-16	Change the brightness from 520cd/m2 to 500cd/m2
V1.2	2023-4-13	Change the submodel from E1 to B1

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1. Instruction

This product is a new generation of ultra-high definition, and multi-views glasses-free 3D media advertising machine independently researched and developed by the company.

This product adopts OGS Lenticular-lens grating technology and EVT803 stereoscopic video processor is with independent intellectual property rights ,which can realize real-time conversion and processing of dual-views video signals to multi-views (up to 54) video signals, support universal 3D video formats and the video interface and also realize high-quality glasses-free 3D display without any additional software and equipment. This product adopts a number of industry-leading video processing technologies to achieve a strong stereoscopic, high-definition, high-brightness, and bright-colored glasses-free 3D display effect.Suitable for advertising media、exhibition and display etc.

2. Features

High Brightness and High Resolution 4K Panel

The 4K high resolution panel and high brightness/extra-wide field of view technology enables you to use this advertising machine in a variety of （mounted on a wall, using multiple advertising machine to view a single image, etc.）under different lighting conditions. Clearer display of motion images in video signals thanks to high color reproduction filters and liquid crystal materials with high responsiveness.

Glasses-free 3D Display Technology

- Unique multi-views technology, which can achieve ghost-free, strong stereoscopic, high-definition, high-brightness, glasses-free 3D display, and the technology has reached this industry leading level.
- The real and comfortable 3D effect and the perfect 3D experience can effectively improve the audience's willingness and interest to watch. Compared with the 2D advertising machine, the audience's attention to the advertising content increases several times.
- Automatic recognize and playback of universal 2D, top-bottom 3D, side by

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side 3D, frame packing 3D, multi-views 3D, can be seamlessly compatible with mainstream 3D formats on the market

- 1080P@60Hz hard decoding，effectively slow down the problems caused by motion blur and image drag shadow, the image is smoother, more clear and natural.

- Support access to the Blu-ray machine, plays the frame package 3D Blu-ray disc.
- Support 2D video automatically transfer to 3D playback function.

Digital Signage CDMS

- The concise program publish interface allows you to arrange contents and their playback time, sequence, frequency and location easily.
- With intelligent scheduling, contents can be played on a loop, at a certain time or idle hours, or as instant break-ins.
- You can have your program published immediately or at your specified date and time.
- Contents can be updated remotely, or imported or read directly from a USB disk on site.
- Program previews and multi checks ensure the information delivery correct and accurate.
- Owing to flexible classification management mechanism, players can be managed in organizations and groups, users can be granted different permissions.
- Advertiser details, related contents, price strategies and playback logs are all within your reach for ease of client management.
- Breakpoint resume, time download and bandwidth control help to make use of network resources more effectively.
- The powerful feature of time on/off in multiple periods achieves unattended operation.
- Player operations such as adjusting playback volume, changing the display screen, reboot, and hibernation can be completed remotely with just one click.
- You are allowed overseeing players remotely in real time, and will be provided with various running and operation reports.
- Health monitoring technique is employed to give the failure alert in time.
- Remote upgrade and intelligent DNS makes operation and maintenance more convenient.

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3. Specifications

Picture Performance	
Panel	a-Si TFT-LCD
Screen Size (Diagonal)	64.5inches (Diagonal)
Active Area（H×V）	1428.48×803.52mm
Resolution（H×V）	3840 x RGB x 2160 pixels
Pixel Pitch	0.124×0.372mm
Contrast Ratio	4000:1(Type)
Luminance, White	500cd/m2(Type)
Aspect Ratio	16:9
Color Depth	10bit
Display Colors	1.073G
Color Gamut	88% NTSC
Backlight	LED
Viewing Angle	89°/89°/89°/89°(Type)
Display Driver Board Parameters	
Operating System	Android 7.1
CPU	Rockchip RK3288 Four core ARM Cortex A17 basic frequency 1.6GHz
GPU	Four core ARM Mali-T764
RAM	DDR3 2GB（4G optional）
Memory	eMMC 8GB（32G optional） support TF/USB
Audio	Stereo left and right channels
Network	Ethernet×1，RJ45，100Mbps
	Wi-Fi×1，2.4G，802.11b/g/n
HDMI Input	HDMI 2.0 x 1 Support 4K @ 30Hz
VGA Input	VGA×1， Support 1080P 60Hz

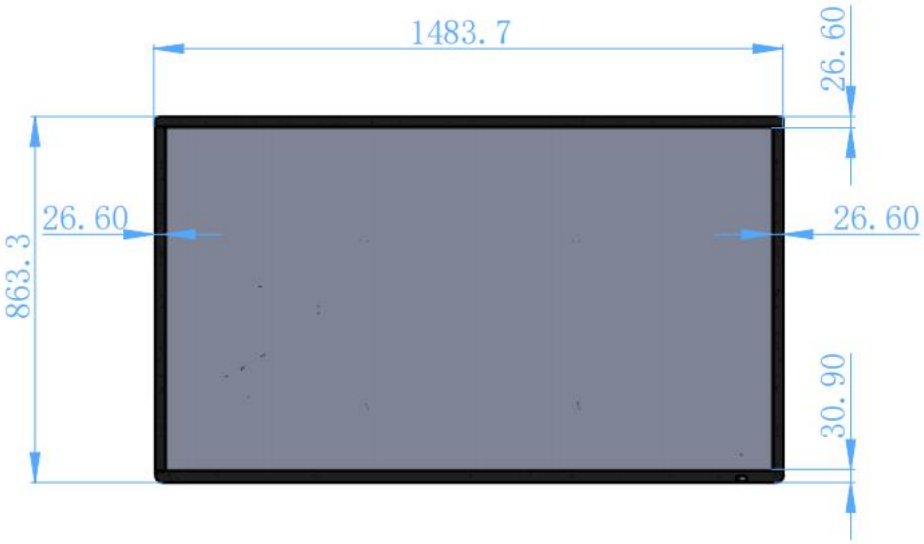
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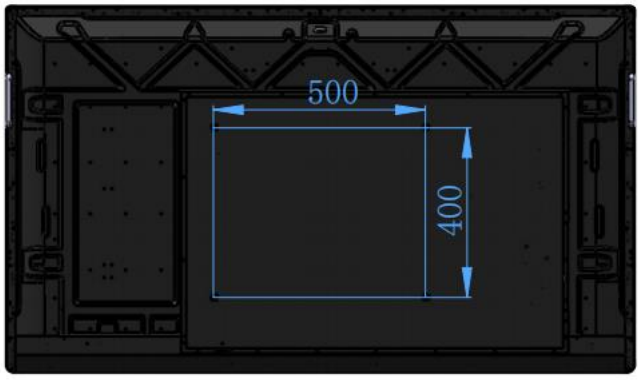
USB Input	USB OTG×1 USB HOST×1
TF Card Slot	×1，MicroSD， Support 128GB
SIM Card Slot	×1，Mini SIM
Playback	Receive media content through the network and store it locally for cyclic playback/insert playback/timed playback; Playback by directly inserting U disk; Import the content through U disk and playback;
Media Format	Video formats: MPEG1/MPEG2/MPEG4/H.264/WMV/MKV/TS/FLV and so on; Image formats: JPG/JPEG/BMP/PNG and so on; Audio formats: MP3 and so on;
Glasses-Free 3D Parameters	
Best Viewing Distance	＞3.5m
Horizontal View Angle	178°
Best Viewing Angle	±45°
Grating Type	OGS Lenticular Grating
Number of Viewpoints	Multi-views (Up to 54)
Best Parallax	horizontal disparity ≤5.8%, vertical disparity 0%
3D Video Format	Support side by side 3D/ frame packing 3D/ top-bottom 3D / multi-views 3D
2D Video Format	Support universal 2D video formats
2D to 3D Convert	Support convert 2D video to 3D automatically converts
Electronic Parameters	
Power Supply	100 - 240Vac (50Hz-60Hz)
Rated Power Consumption	196W
Operating Temperature	0°C - 35°C
Operating Humidity	20% - 90%, No Condensation
Storage Temperature	-20°C - 60°C
Storage Humidity	10% - 90%, No Condensation
Installation Specification	
Dimensions (without mount/base)	1483.7(W)*863.3(H)*84.9(D)mm
Weight (without mount/base)	46.4 KG
Installation	Mount/base 500 x 400 mm VESA

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4. Dimension

Unit:/mm







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