

MB-5D

FLATBED LED SCREEN TRAILERS



INTRODUCTION



MB-5D LED Screen Trailer has two-sided digital LED display of 10ft by 5ft and the pixel pitch of the LED display is optional 3mm, 4mm, 5mm. Those two LED screens mounted on trailer can be raised up and rotated with 360 degrees. With this design, the trailer has maximized the viewing angel of LED screens. It is also installed with waterproof speakers, amplifier, and LED controller on the trailer.

MB-5D LED trailer is widely used for events, concerts, tailgating, graduations ceremonies, scoreboards, golf tournaments, demo-days, fairs, movie nights, watch parties, weddings, races, marathons, charity events, tent sales, political campaigns and much more.

This LED screen trailer has double side LED billboards. You can display different videos or photos at the same time or you can also choose play the same content on both side digital LED billboards. You can use a generator to power LED screen while driving on road and get maximum promoting effect.



| | | | | | |
|---|--|--|---|---|--|
|  WEDDING |  HORSE RACING |  PARKS RECREATION |  F1 RACING |  FIRE SAFETY |  TRAFFIC SIGNS |
|  CONCERT |  SCHOOL |  ELECTION |  COMMUNITY |  SPORTS |  PARADE |
|  GOLF |  RESTAURANT |  LIVE STREAMING |  CAR SHOP |  GAMING |  CHURCH WORSHIP |

TRAILER STRUCTURE

Waterproof Speaker

Outdoor LED Screen

Hydraulic Mast

CA Twist Lock Plug

2" Ball Coupling

Break-away Kits

Hydraulic Pump Station

Control Cabinet

Stabilizers

Alloy Rims and DOT Tires



Trailer Advantages



COMPLIED WITH DOT, U.S. REGISTRATION APPROVED

MOBO LED screen trailers comply with US DOT regulation. Each VIN of our trailers can be decoded on NHTSA(National Highway Traffic Safety Administration) system. You will get all necessary paperwork to register your trailer in the United States.

Components of our trailers such as LED lights, tires, coupler, braking system, plug cord, electric cables etc are also DOT approved.



IN FASHION SHAPE WITH PROFESSIONAL POWDER COATING

MOBO trailer has unique beautiful curve shapes and lines by hand-finishing metal plate work. Our 7-step powder coating makes better corrosion protection and attracts more sights, impressions and visual experience in your event. MOBO trailers are always in fashion instead of miserable designs.



ALUMINUM ALLOY RIMS & LARGER TIRE

Our Aluminum alloy rim and 265/70R16 larger size tires for you are lightweight but strong, withstand heat well and are generally more attractive than steel wheels.



HIGH STRENGTH RIGID TRAILER CHASSIS

Our trailer chassis is constructed with high grade materials to carry hydraulics and LED screen weight, extending chassis ride-life and offer advanced corrosion protection.



BREAK AWAY KITS WITH HIGH SAFETY

Our break away kits can ensure the LED screen trailer to stop in an emergency and avoid potential accidents while you are driving. It is made of premium PP material, rustproof, not easy to break, sturdy and durable.



SMALL TRAILER FOOTPRINT

When screen folded, MOBO trailer has low height to drive on road with high safety. After parked, our trailer footprint is also small and does not take up any extra space. You can easily store the trailer or operate the trailer in limited space.



WATERPROOF SIDE-OUT MEDIA CABINET

MOBO trailers have module side out media control cabinet. The cabinet is well sealed for waterproof and prevents dust coming into cabinet. Video control facilities are assembled on sliding rack drawer for convenient operation for you.

Trailer Advantages LED Screen Features

SMALL PIXEL PITCH & MAX. 2K RESOLUTION SOLUTION

MOBO trailer outdoor LED screen can give you small pixel pitch from 2mm, 3mm, 4mm, 5mm etc. Our highest screen solution can reach 2K visual performance to display your videos and images. MOBO trailer LED screen will supply your event with stunning visual effects!



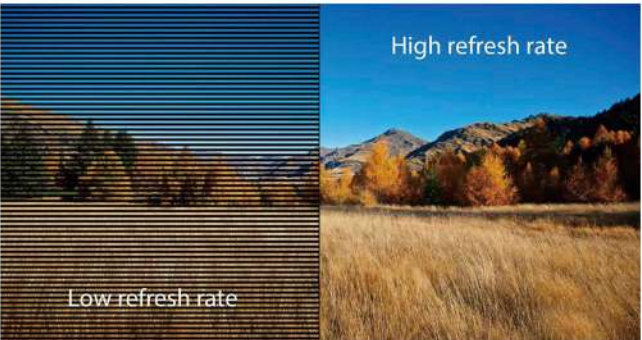
HIGH BRIGHTNESS AGAINST SUNLIGHT

With a great brightness of 5500nits (optional max. 7500nits), MOBO trailer LED screen clearly delivers content for outdoor visibility under strong sunlight. The screen brightness can be automatically adjusted depending on the ambient light at different time. MOBO trailer screen will offer a very comfortable brightness for your event.



HIGH REFRESHING RATE WITH SMOOTHER VISUAL EXPERIENCE

Our screen are 3840 Hz high refreshing rate with good photography effect. It contributes to stunning visual fidelity and incredibly smooth motion particularly in your fast-moving scenes, like watching sports, musical streaming or while playing video games.



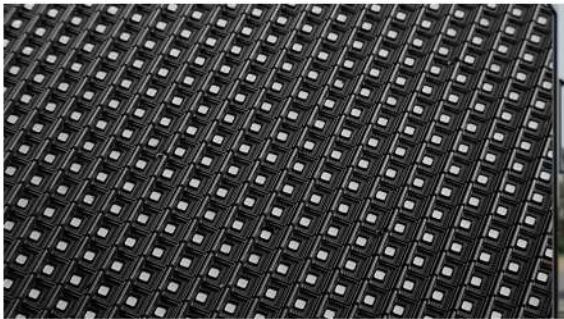
DURABLE IRON LED SCREEN CABINET

Iron cabinet is also one of the most widely used body material for screen. It is also strong and suitable to withstand all sorts of weather conditions. The cabinet is made of iron sheet metal, with low raw material cost, as well as strong, durable, and not easily deformed features.



GREAT FLATNESS LEVEL ON LED PANEL

MOBO trailer screen use high precision LED mask, PCB board and bottom shell. Skilled workers can assemble LED modules and cabinets well to make the whole screen flat. You will not have the problem of worst image presentation caused by flatness when you play the videos on MOBO LED trailer.

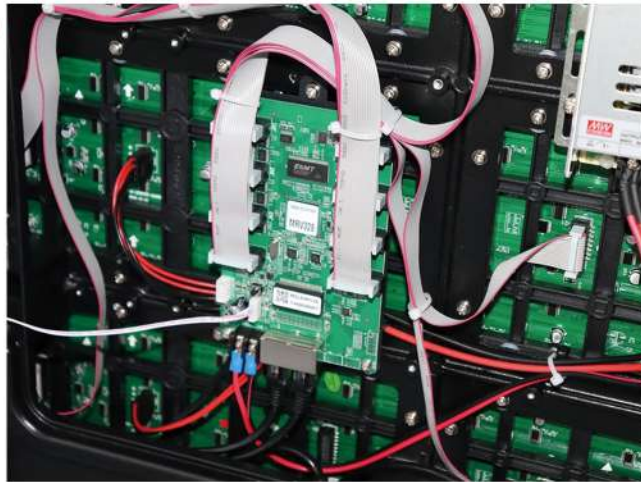


IP65 PROTECTION LEVEL

Our LED screen is designed for all-weather use in outdoor environment. The high protection grade of IP65 ensures durability, reliability, anti-ultraviolet properties, and stability. The high-standard sealing protection ensures the LED display cabinet dustproof, waterproof, and corrosion-resistant. The trailer will offer you with longer lasting service life.

FRIENDLY MAINTENANCE DESIGN

The rear access iron cabinet is easy to perform the maintenance. You can easily use a cabinet key to open the door, remove the screws first, and replace the LED module, power supply, control cards etc inside the cabinet. We will also send free spare part for you to replace.



LIFTING & ROTATING LED SCREEN

MOBO trailer LED screen has a standard lifting height of 15.4ft from the screen top to the ground (can be customized with higher position). The screen can also be continuously rotated with 360 degree. The hydraulic operation is highly stable and can improve the interaction between screen and audience in your event. It greatly creates a better visual experience for you!

Trailer Advantages



REMOTE CONTROLLER & WIRE CONTROL

MB-5 trailer LED screen can be easily lifted up by the hydraulic system. There is a battery inside the hydraulic station and can drive the screen to lift up or go down. You can use the wire controller to set up the screen by simply pressing the UP and Down buttons.



ONE WORKER, 10 MINUTES SETTING UP

After you park MOBO LED screen trailer, the screen set up can be easily done in about 10 minutes by one operator. With convenient hydraulic operation, MOBO LED trailer can greatly reduce your cost to set up the screen in all kinds of events.



NOVASTAR LED SCREEN CONTROLLER

MB-5 trailer uses NovaStar TB-40 LED control box to upload and manage the content on the trailer screen. It supports both synchronous control and asynchronous control with your laptop, PC, tablet, cellphone etc. You can also remote control it with WIFI or 3G/4G sim card. You can also control multiple trailer screens with NovaStar cloud platform.



OTHER OPTIONS FOR TRAILER

- Trailer Color
- Top Performance Screen
- On-board Silent Generator
- 12.6' x 6.3' Maximum Screen
- Cover for LED Screen



AVIATION HYDRAULIC FLUID WORKING IN EXTREME WEATHER

All MOBO LED screen trailers use aviation hydraulic fluid. It is very high viscosity index for use over a wide temperature range in extreme climatic conditions, and has excellent wear protection in operating environment. We use high reliable materials to make hydraulic system safer for you.

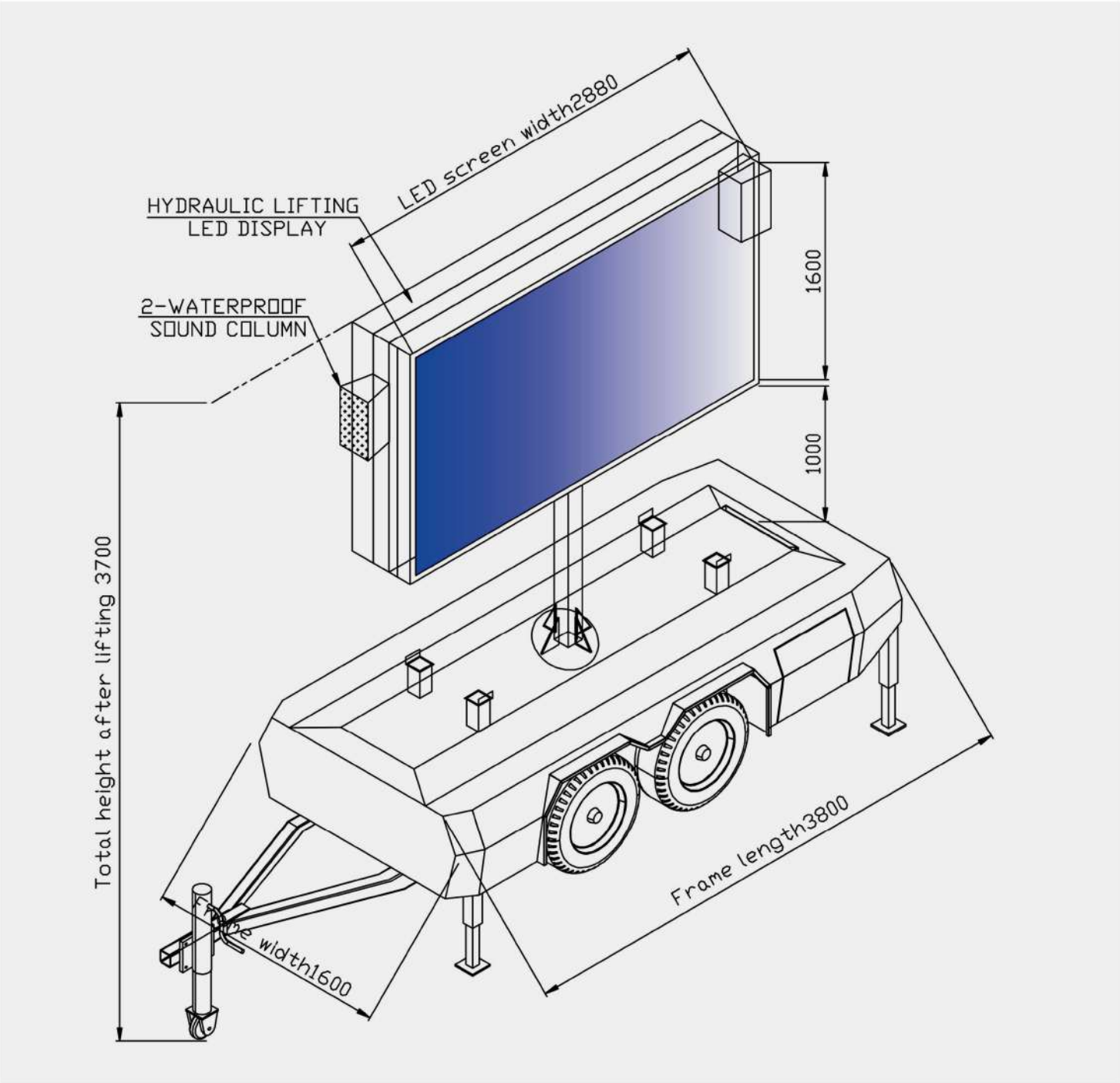


APPLY TO PORTABLE SATELLITE TV

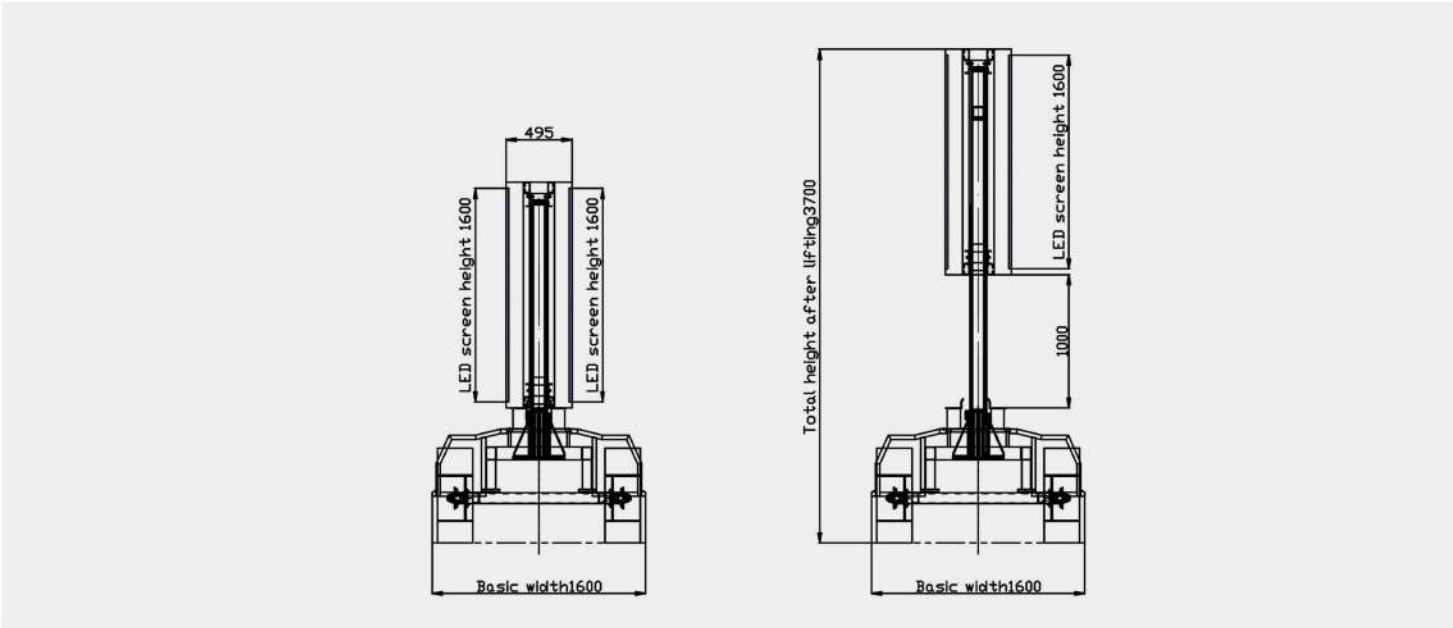
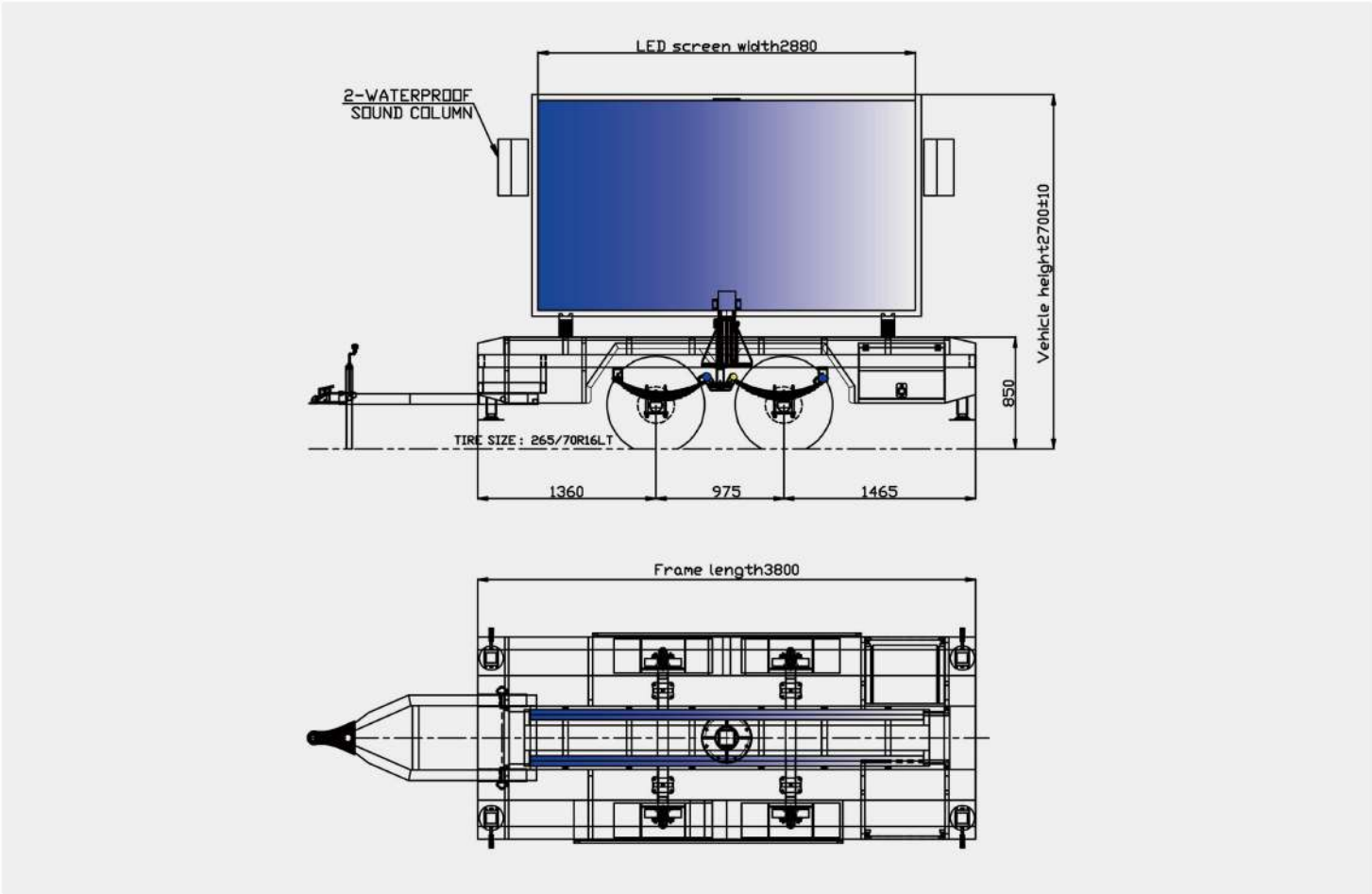
MB-5 media system can work with portable satellite TV to offer TV streaming for your tailgating, entertaining outdoors, sports games, or movie night in the backyard. You can enjoy nationwide coverage and all of your favorite TV programming. MB-5 trailer with satellite TV will take your viewing experience wherever you drive the trailer.



TECHNICAL LAYOUT



MB-5D



TRAILER PARAMETERS

Trailer Chassis

| | |
|------------------------------------|----------------------------------|
| Trailer Type | Platform, Flatbed |
| Transport Dimension (with drawbar) | 16.9' x 5.25' x 8.85' |
| Operating Dimension (with drawbar) | 16.9' x 5.25' x 12.14' |
| Gross Vehicle Weight Rating(GVWR) | 3750LBS |
| Axles | Tandem |
| Tires | LT265/70R16 |
| Rim | 8" x 16", Aluminum Alloy |
| Brake | Electric and Hand Brake |
| Brake Away System | ✓ |
| Coupler | 2-5/16" Dia Ball |
| Color | Glossy Black or Custom RAL Color |
| Stabilizers | 4 sets |
| Wind Rating | 45 MPH |
| US DOT Road Approval | ✓ |

LED Screen Parameter

| | | | |
|--|---------------------------|-----------|-----------|
| LED Screen Brand | LongRun or Custom | | |
| Screen Dimension (Ft/mm) | 9.45'W x 5.25'H x 2 sides | | |
| Pixel Pitch | 3 | 4 | 5 |
| Screen Resolution | 960p x | 720p x | 576p x |
| | 512p | 400p | 320p |
| LED Module Size (mm) | 192 x 192/ 320 x 160 | | |
| LED Cabinet Size (mm, L×W×T) | 2880 x 1536 / 2880 x 1600 | | |
| Cabinet Material | Iron | | |
| Standard Brightness(Nits) | 4000-4500 | 5000-5500 | 5000-5500 |
| Optional Highest Brightness (Nits) | ≤5500 | ≤7500 | ≤7500 |
| Max. Refreshing Rate(Hz) | ≥3840Hz | | |
| Scanning Code | 1/16 | 1/10 | 1/8 |
| Grey Scale(Bits) | 14 | | |
| Contrast Ratio | ≥5000:1 | | |
| Horizontal/Vertical View Angle(Degree) | 140/140 | | |
| Input Voltage/Frequency | 110V~240V, 50~60Hz | | |
| Protection Grade | IP65 | | |
| Control System | NovaStar | | |
| Max. Power Consumption (Watt/m²) | ≤850 | | |
| Avg. Power Consumption (Watt/m²) | ≤280 | | |
| Working Temperature | -4F ~ 175F | | |
| Protection Grade | IP65 (Fully Waterproof) | | |

Hydraulic Mechanical Parameter

| | |
|--------------------------------------|--------------------------|
| Screen Lifting Height(top to ground) | 3.28' |
| Screen Rotating Degree | 360 Continuous |
| Control Mode | Wire Control |
| Motor Power | 1.5KW |
| Nominal Pressure | 11KPa |
| Oil Type | Aviation Hydraulic Fluid |
| Overheat Protection | ✓ |

Media Control System

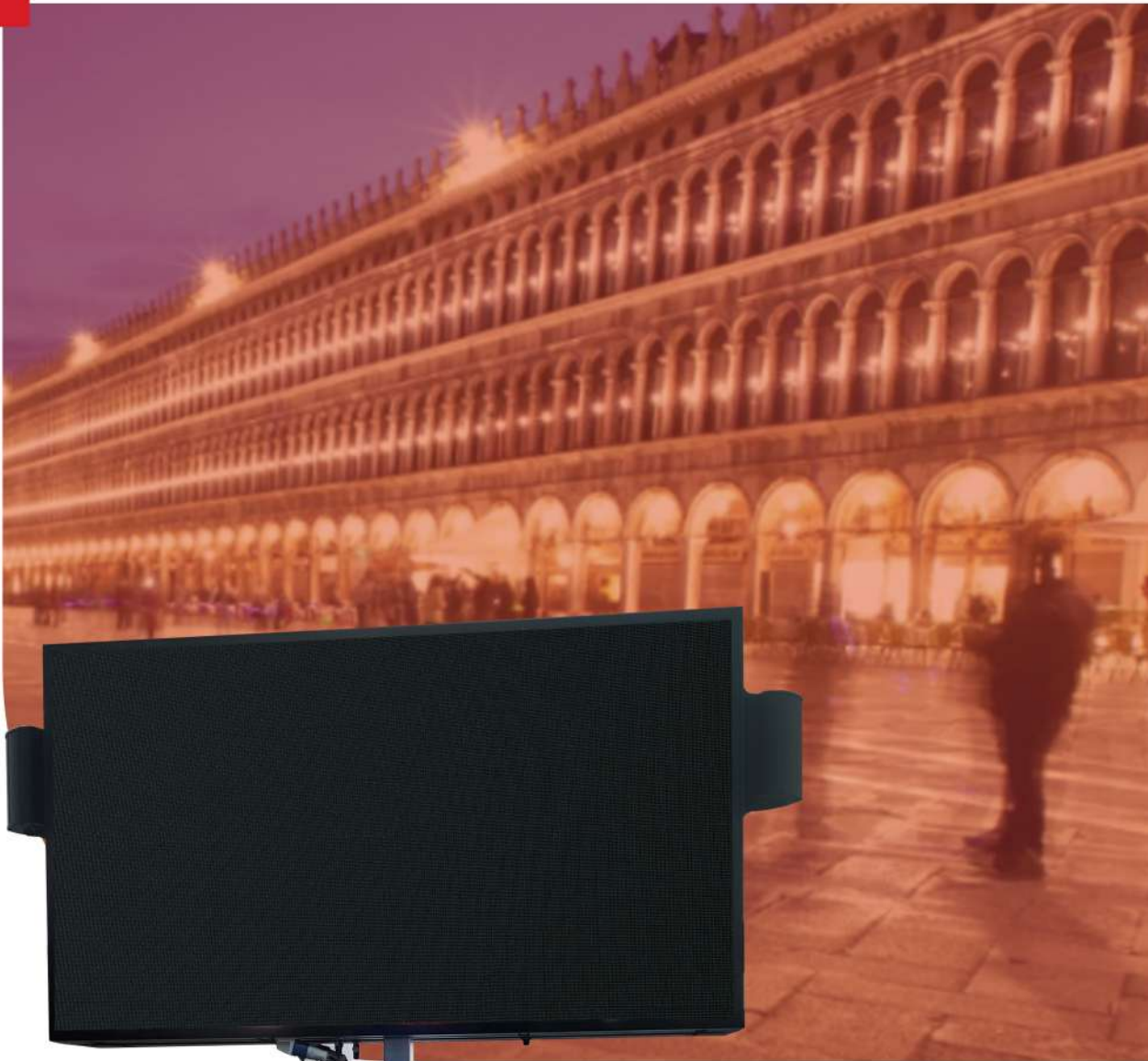
| | |
|------------------|---|
| Speakers(Watts) | 30/60Watts x 2 sets |
| Amplifier | 260Watts x 1 set |
| LED Controller | NovaStar TB-40 |
| Input Resolution | Up to 1920 x 1080p @60Hz |
| Video Input | 1 x HDMI 1.4, 2 x Sensor Connectors |
| Video Output | 2 x Gigabit Ethernet Ports, 1 x Stereo Audio Connector –1 x HDMI 1.4 |
| Audio Input | 1/8inch(3.5mm) |

Power System Parameter

| | |
|---|-------------------------|
| Max. Screen Power Consumption | 8,000 Watts |
| Avg. Screen Power Consumption | 2,600 Watts |
| Other Equipment Power Consumption (Speaker, Amplifier, LED Controller etc) | 500 Watts |
| Input Voltage | 120V |
| Plug Type | 30A Twist Lock x 2 sets |

Optional Equipment List

| | |
|----------------------------|----------------------------------|
| Power Generator | Super Silent Inverter Generator |
| Cover | Logo Printable, Tarpaulin |
| Customize LED Screen Brand | ✓ |
| Warranty Extending | Extended from 3 Years to 5 Years |



APPLICATIONS AND CASES



WHY CHOOSE MOBO?

Prime Quality LED Trailer

• We Are A Trustful Brand

MOBO trailers have unique beautiful curve shape designs and our trailers will take your brand to the next higher level by increasing more sights, impressions and better visual experience in the event.

We reorganize our best factory and LED screen supplier in China to build the trailer with high quality complying USA standard at competitive price. This is why MOBO trailers are so welcomed by USA government, as well as small and medium event companies.

Affordable Price

• Help You Make Profits Fast

The price of MOBO LED screen trailers is quite friendly to our clients, especially who start the new business with our trailers. We also offer financing plans for clients who are lack of funds.

MOBO only keep reasonable profits to grow our market. You only need to invest less money to buy the trailer, but can collect back your investment in short time and start making profits quickly.

Turnkey Delivery

• From MOBO Factory to Your Door

MOBO are always committed to improving our service for you. Our LED screen trailers are well loaded and protected in the container after production and ship to your door or warehouse with high safety.

After placing the order, you only wait for our driver's call to receive portable LED screen trailer and start your business!

3 Year Warranty

• Keep Improving After-Sale Service

MOBO offer a 3-year warranty of our LED screen trailers. Terms and conditions apply. We believe in supporting customers from point of purchase, all the way through to maintenance and repair.

Our engineers are ready for remote technical consulting or onsite service. Our parts are available for despatch delivering from our warehouse in the USA or factory base by DHL or FedEx.

We take the hassle and headache out of maintenance, helping you to run efficiently, minimize your downtime and keep your LED screen trailers running - day-in, day-out.

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