M1 Series

(1280×1024mm) (960×960mm) (1152×768mm)

Trailer LED Display-P4, P5, P6, P8, P10

- High Quality Hydraulic System
- High Quality SMD LED
- Stable Trailer
- Easy Setup
- Foldable Design Frame
- 1920Hz ~ 3840Hz
- 13bits ~ 16bits
- Safe Operation

High Quality SMD LED

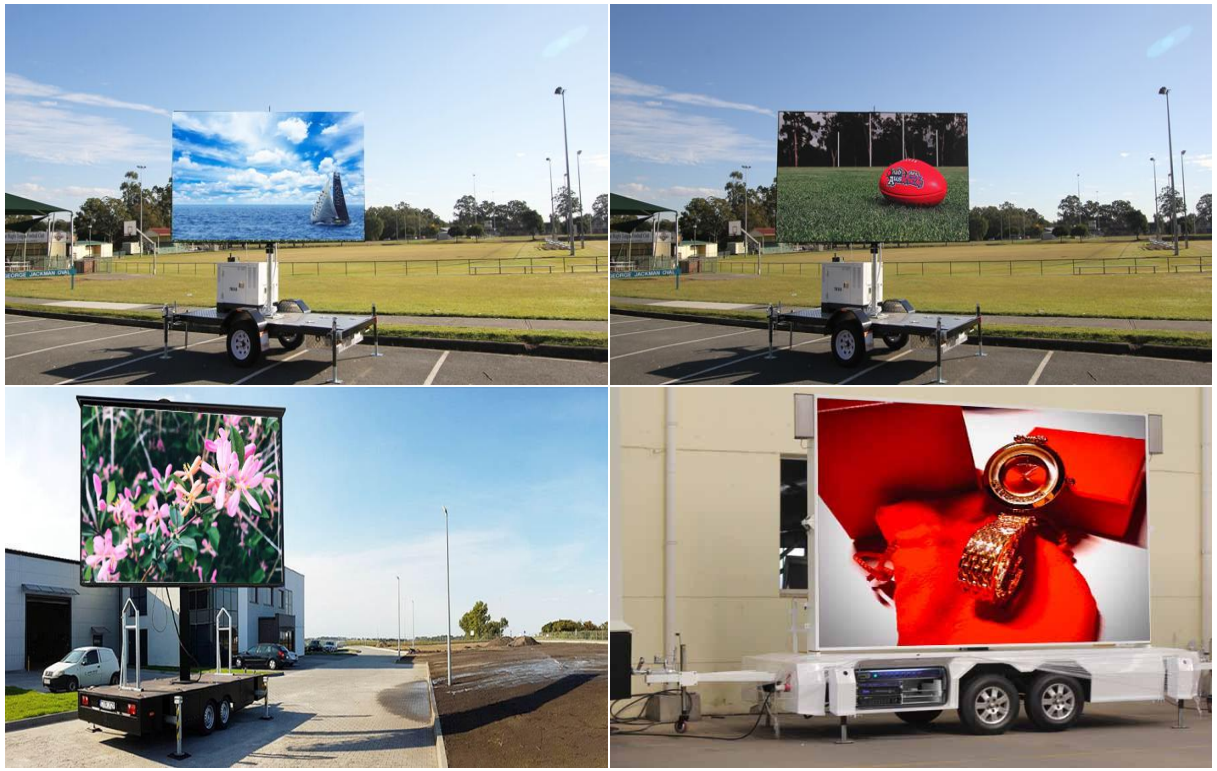
By using high quality SMD LED screen, the viewing angle is up to 160 degree, and the visual effect is extraordinary. The pixel pitches are P4, P5, P6, P8 and P10.

Stable Trailer

The frame of screen is foldable design, so the height of the screen can be folded during the transportation, which makes the trailer much more stable.

Easy, Accurate and Safe

The frame is also rotatable design, so that brings lots of convenience during the setup. Meanwhile, the screen is supported by high quality hydraulic system. The operation is more accurate and safer.



Application Fields

Because of the convenience of operation and high-definition of this LED screen, it can be used in:

- Warnings for schools, passerbys or road engineering areas
- Road closure or detour notification
- Promotion of activities like musical festivals
- Product advertisements
- Real estate development

M1 Parameters

Item	P4	P5	P6	P8	P10
Pixel Pitch	4mm	5mm	6mm	8mm	10mm
LED Type	SMD1921	SMD2727	SMD2727	SMD3535	SMD3535
Module Resolution	64dots × 32dots	64dots × 32dots	32dots × 32dots	40dots × 20dots	32dots × 16dots
Driving Mode	1/8scan	1/8scan	1/8scan	1/5scan	1/2scan
Module Pixels	2,048dots	2,048dots	1,024dots	800dots	512dots
Module Size	256mm × 128mm	320mm × 160mm	192mm × 192mm	320mm × 160mm	320mm × 160mm
Cabinet Size	1,280mm × 1,024mmm	960mm × 960mm	1,152mm × 768mm	960mm × 960mm	960mm × 960mm
Screen Size	3,840mm × 2,048mm (optional)	3,840mm × 1,920mm (optional)	3,840mm × 1,920mm (optional)	3,840mm × 1,920mm (optional)	3,840mm × 1,920mm (optional)
Screen Resolution	960dots × 512dots	768dots × 384dots	640dots × 320dots	480dots × 240dots	384dots × 192dots
Pixel Density	62,500dots/㎡	40,000dots/㎡	27,777.78dots/㎡	15,625dots/㎡	10,000dots/㎡
Minimum Viewing Distance	≥4m	≥5m	≥6m	≥8m	≥10m
Brightness	6,000nits～7,000nits	6,000nits～6,500nits	6,000nits～6,500nits	5,000nits～5,500nits	6,000nits～6,500nits
IP Grade	IP65	IP65	IP65	IP65	IP65
Refresh Rate	1,920Hz～3,840Hz	1,920Hz～3,840Hz	1,920Hz～3,840Hz	1,920Hz～3,840Hz	1,920Hz～3,840Hz
Gray Scale	13bits～16bits	13bits～16bits	13bits～16bits	13bits～16bits	13bits～16bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	800W/㎡	800W/㎡	800W/㎡	800W/㎡	800W/㎡
Average Power Consumption	230W/㎡	230W/㎡	230W/㎡	230W/㎡	230W/㎡
Input Voltage	AC110V～AC220V @ 50Hz / 60Hz	AC110V～AC220V @ 50Hz / 60Hz	AC110V～AC220V @ 50Hz / 60Hz	AC110V～AC220V @ 50Hz / 60Hz	AC110V～AC220V @ 50Hz / 60Hz
Operating Temperature	- 20℃～65℃	- 20℃～65℃	- 20℃～65℃	- 20℃～65℃	- 20℃～65℃
Operating Humidity	10%～90%	10%～90%	10%～90%	10%～90%	10%～90%
Cabinet Material	Iron	Iron	Iron	Iron	Iron
Cabinet Weight	60kg/㎡	60kg/㎡	60kg/㎡	60kg/㎡	60kg/㎡
Operating System	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)
Signal Source Compatibility	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.	DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc.
Trailer External Dimension	5,900mm × 1,600mm × 2,200mm	5,900mm × 1,600mm × 2,200mm	5,900mm × 1,600mm × 2,200mm	5,900mm × 1,600mm × 2,200mm	5,900mm × 1,600mm × 2,200mm
Trailer Turning Radius	8m	8m	8m	8m	8m
Trailer Gross Weight	≈ 2,100kg (excluding generator)	≈ 2,100kg (excluding generator)	≈ 2,100kg (excluding generator)	≈ 2,100kg (excluding generator)	≈ 2,100kg (excluding generator)
Max Speed	60km/h	60km/h	60km/h	60km/h	60km/h
Braking System	Hydraulic braking	Hydraulic braking	Hydraulic braking	Hydraulic braking	Hydraulic braking
Tire Size	14 inch	14 inch	14 inch	14 inch	14 inch
Tire Quantity	4 pcs	4 pcs	4 pcs	4 pcs	4 pcs
Towing Head	European type (optional)	European type (optional)	European type (optional)	European type (optional)	European type (optional)
Wheel Hub Material	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy	Aluminum alloy
Lift System	Hydraulic lifting system	Hydraulic lifting system	Hydraulic lifting system	Hydraulic lifting system	Hydraulic lifting system
Lifting Height	1,200mm	1,200mm	1,200mm	1,200mm	1,200mm
Rotating Type	Hydraulic rotary system	Hydraulic rotary system	Hydraulic rotary system	Hydraulic rotary system	Hydraulic rotary system
Rotation Angle	360 degree	360 degree	360 degree	360 degree	360 degree
Trailer Supporting Legs	4pcs (lifting height 300mm & each affords 5t)	4pcs (lifting height 300mm & each affords 5t)	4pcs (lifting height 300mm & each affords 5t)	4pcs (lifting height 300mm & each affords 5t)	4pcs (lifting height 300mm & each affords 5t)