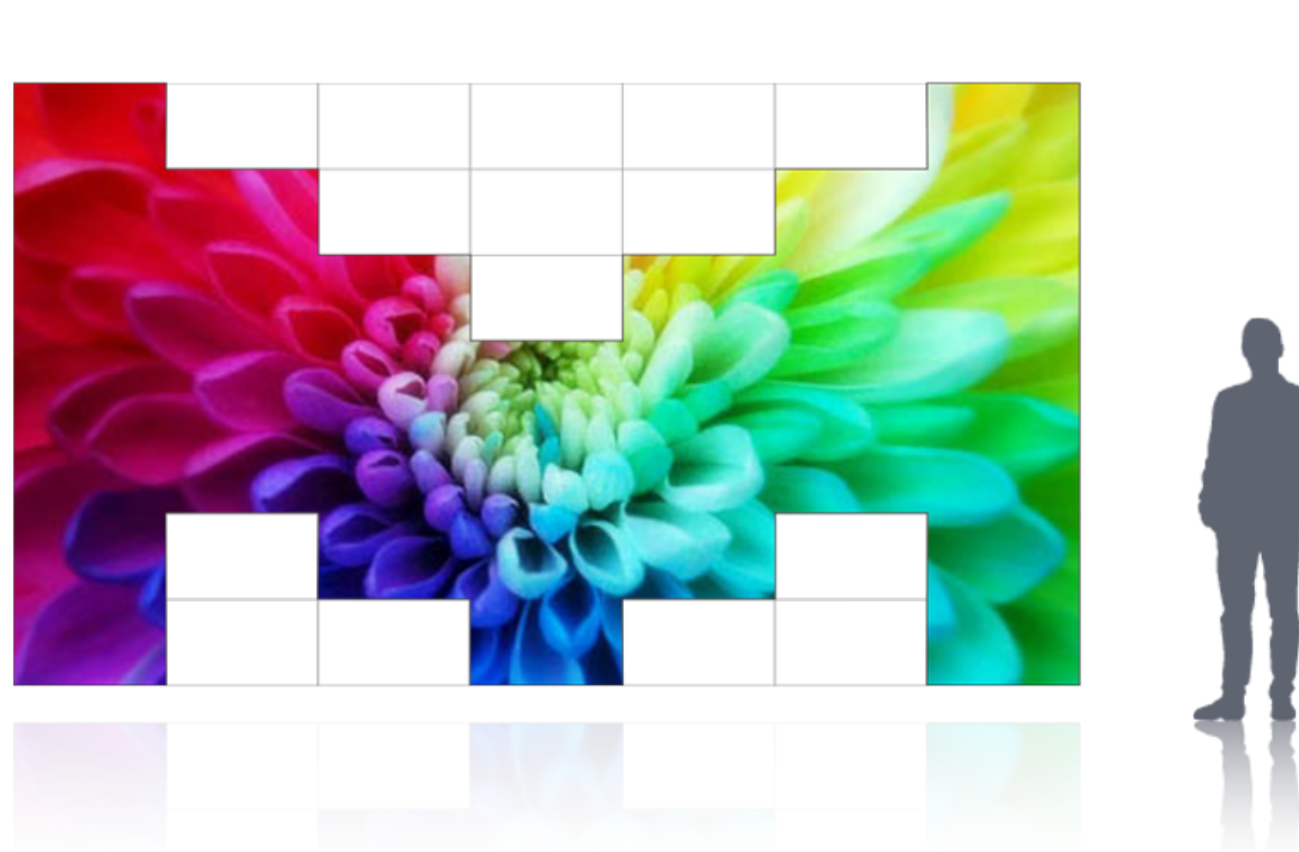


FINE PITCH LED DISPLAY

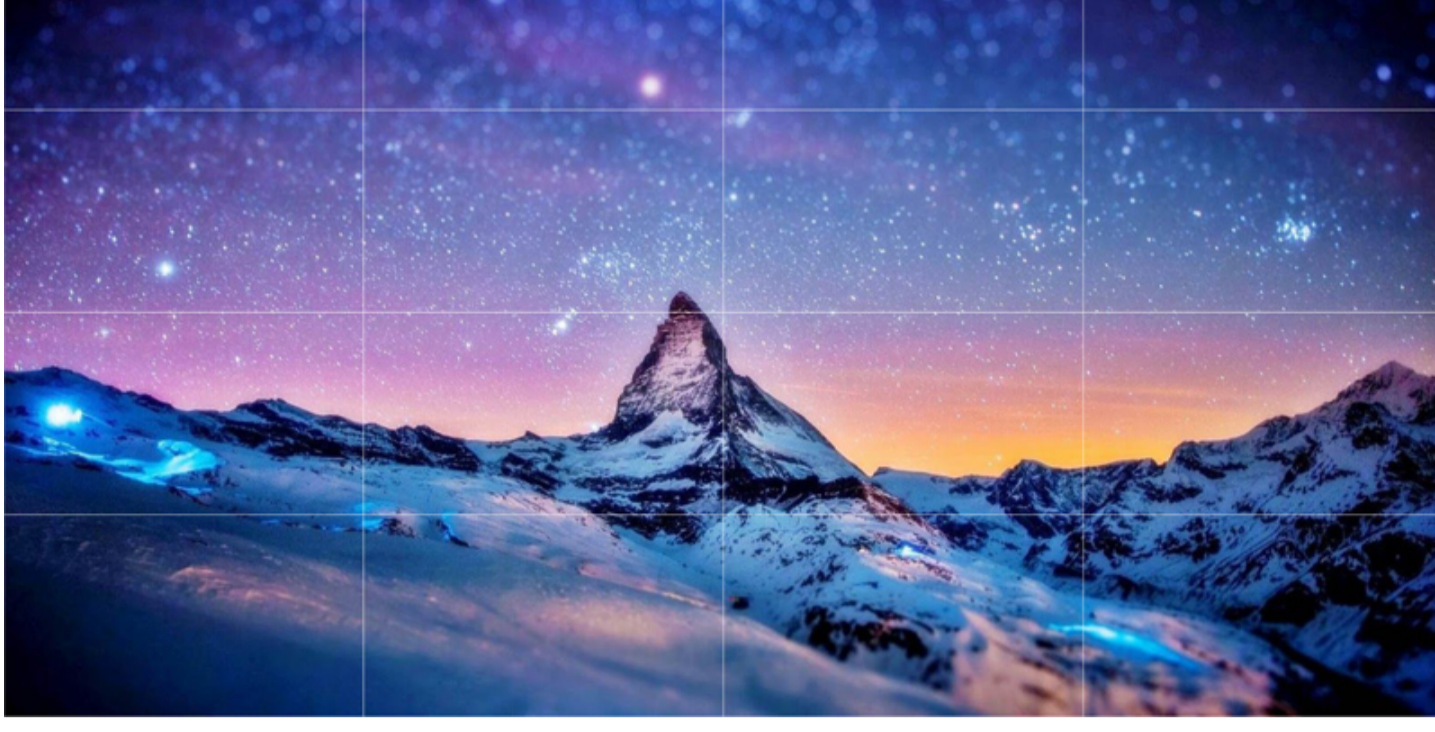
TWM Series LED Display

P1.25 | P1.56 | P1.875

Fine Pitch LED displays represents the top technology of LED display field, they may be used in high-end conference rooms, TV studios, the government mansion, etc. It has the smallest pixel pitch (1mm or even less) and the finest display effect. BRWall is the pioneer in the field of HD LED display, and has many successful cases already.



<p>16:9 chassis design 16:9 chassis design, point-to-point matching HD video source.</p>	<p>2D/3D Display Support 2D/3D display at the same time, active 3D without strobe, no loss of resolution.</p>	<p>Low Voltage Power low voltage power supply, natural heat dissipation, no fan, zero noise</p>	<p>No Granular Effect No granular effect, good uniformity and no mosaic phenomenon.</p>
<p>Point-by-point Calibration Module-level point-by-point calibration design, power-on automatic balance correction.</p>	<p>Die-cast Aluminum Integrated die-cast aluminum design, 360° all-round heat dissipation, longer life.</p>	<p>Dual Signal Inputs Redundant power supply design, dual signal inputs, system's stability and reliability.</p>	<p>Front Maintenance Complete front mounting and front maintenance structure, the overall installation thickness is only 125mm.</p>



16:9

16:9 chassis design, point-to-point matching HD video source.

Completely Front Maintenance

Cabinets and modules are separated packed, first install cabinets and then install modules. Smart adjust: unique alignment features ensure the video wall is perfect aligned and seamless, the flatness tolerance of screen is ≤ 0.1 mm.

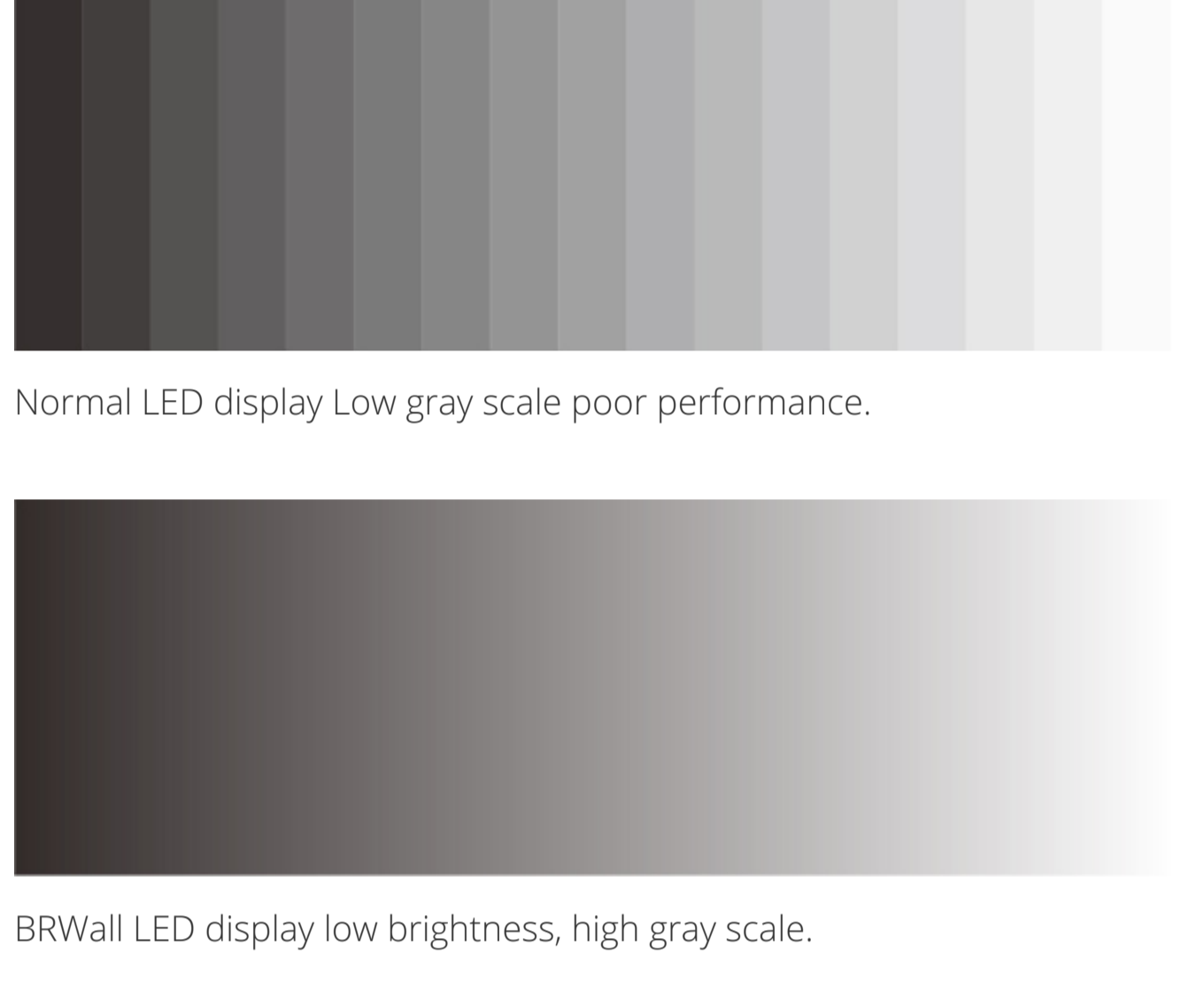


Power Supply & Signal Back up

Redundant power supply design, dual signal inputs, automatically detecting the failure then switch, ensure the whole system's stability and reliability.

Low Brightness With High Gray Scale

BRWall LED display use high quality LED Lamps and PWM drive IC, goes with Lamp Video's patented mask and special images arithmetic processing that makes a better color rendering, color revivification and more details even in low brightness mode. Excellent gray scale performance even in low-brightness of 100 cd/m².



960Hz (Shutter Speed 2000)

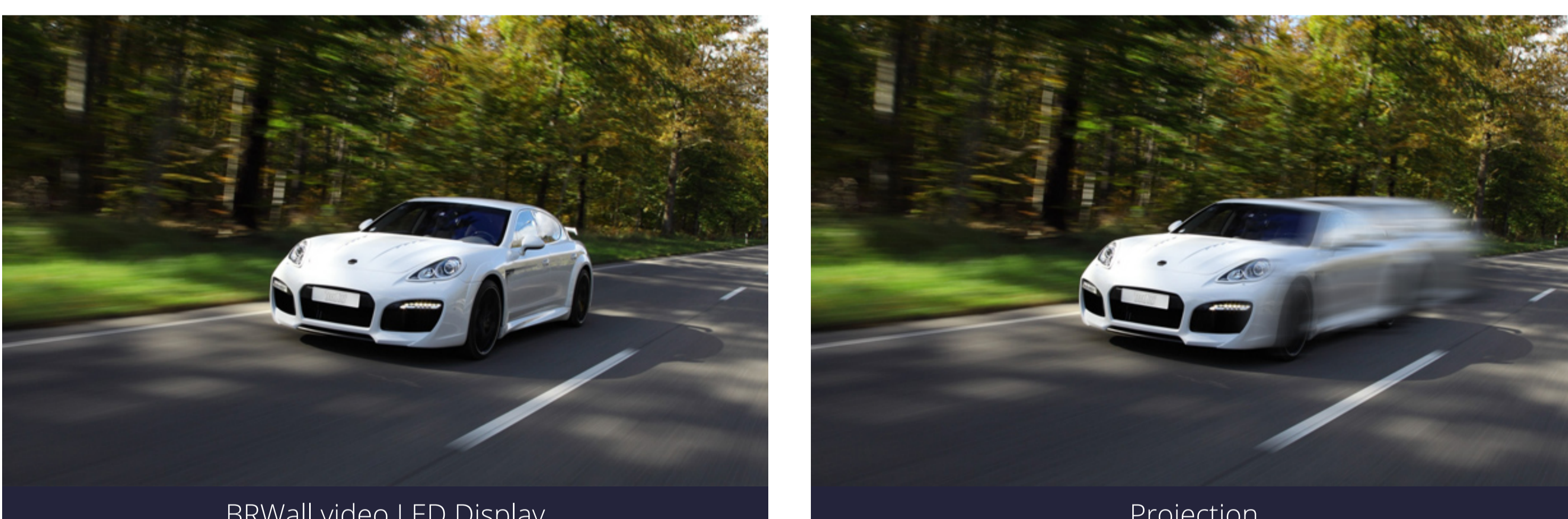
3840Hz (Shutter Speed 2000)

Professional Image With High Refresh Rate

Up to 3840Hz high refresh rate keeps it high quality display performance even under professional camera, no water waves or screen flashing, totally meet the live show requirements.

Nanosecond Level Response Time

LED response shortly in nanosecond level without smearing or double image effect.



TWM series enjoy a long product life (100,000 hours, 8-10years), attributed to its advanced experience in manufacturing and processing management, rich design experience in drive circuit.

100000

Hours Lifetime

Specifications

TWM Series	P1.25	P1.56	P1.875
Pixel Pitch	1.25 mm	1.56 mm	1.875 mm
Module Size (WxHxD)	300mmx112.5mmx13mm	300mmx112.5mmx13mm	300mmx112.5mmx13mm
Physical Density	640,000 Pixel/m ²	410,900 Pixel/m ²	284,444 Pixel/m ²
Module Resolution (WxH)	240x90	192x72	160x60
Module Port	HUB-HD01	HUB-HD01	HUB-HD01
Driving Method	Constant Current 1/30scan	Constant Current 1/30scan	Constant Current 1/32scan
LED Encapsulation	Commercial Grade 3-in-1 SMD1010 (Black)	Commercial Grade 3-in-1 SMD1010 (Black)	Commercial Grade 3-in-1 SMD1515
Module Working Voltage	4.2-5 VDC	4.2-5 VDC	5 VDC
Module Maximum Power Consumption	35W	35W	35W
Viewing Angle (Horizontal/Vertical)	160°/140°	160°/140°	120°
Module Of Cabinet (WxH)	2x3	2x3	2x3
Cabinet Resolution (WxH)	480x270	384x216	320x180
Option Distance	1-30m	1-30m	1-30m
Frame Rate	60Hz/120Hz(3D)	60Hz/120Hz(3D)	60Hz/120Hz(3D)
Refresh Rate	1920-3840Hz Adjustable	1920-3840Hz Adjustable	1920-3840Hz Adjustable
Brightness	300-800 cd/m ² Adjustable	800-1000 cd/m ² Adjustable	750 cd/m ² Adjustable
Contrast Ratio	5000:1	5000:1	5000:1
Colour Temperature	3200K-9300K	2000K-9500K	8500K-11500K
Brightness Uniformity	>97%	>97%	>97%
Color Uniformity	>97%	>97%	>97%
Light Pixel Centerline Spacing Difference	<3%	<3%	<3%
Single Pix Brightness Correction	Support	Support	Support
Gray Scale/color	≥16.7M color	≥16.7M color	≥16.7M color
LED Lifetime: Typical	100,000 hrs	100,000 hrs	100,000 hrs
Cabinet Weight	4.8Kg	4.8Kg	4.8Kg
Cabinet Flatness	≤0.1mm	≤0.1mm	≤0.1mm
Cabinet Size (WxHxD)	600mmx337.5mmx80mm	600mmx337.5mmx80mm	600mmx337.5mmx80mm
Maximum Power	280 W	240 W	180 W
Display Working Voltage	100-240VAC 50/60Hz	100-240VAC 50/60Hz	100-240VAC 50/60Hz
Working environment temperature	-10~40°C	-10~40°C	-10~40°C
Working Environment Humidity(RH)	10%~70%	10%~70%	10%~70%

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