



Description:

Outdoor LED video wall, the new favorite of the future outdoor advertising media, is widely used in finance, taxation, industry and commerce, post and telecommunications, sports, advertising, factories and mining enterprises, transportation, education, stations, wharves, airports, shopping malls, hospitals, hotels, banks, stock markets, construction markets, auction houses, industrial enterprises and other public places. It supports media display, information release, traffic guidance, creative display, etc.

Feature:

- * High brightness: the general brightness of 5000cd, and the maximum brightness of more than 10000cd. It is clearly visible even under strong light, and the display effect is good.
- As an advertising media, it supports various advertising forms, which is far more ornamental, flexible and attractive than traditional advertising.
- * The advertising can be updated quickly. The administrator can change the advertising at any time accordingly, which is simple to operate.

 * With good waterproof performance, strong anti-ultraviolet capability and protection level of IP65 or above, it can work normally in bad weather.
- * LED lamp beads, the luminescent device, are made from non-toxic materials. Unlike fluorescent lights with polluted mercury, LED is environment-friendly and
- * The LED video wall can not only save energy and protect environment, but also work normally in any bad outdoor environments and all-weather conditions. It is anti-corrosion, waterproof, moisture-proof, lightning-proof, shock-proof and so on.

 * Low power consumption. Generally speaking, the working voltage of LED is 2-4.2V. The working current is 0.02-0.03A. Namely, it consumes no more than
- Long lifespan. Under proper current and voltage, the general lifespan of LED is up to 100,000 hours. While taking the environmental factors into account, the lifespan of the video wall can still reach around 60,000 hours.
- Seamless splicing and high refresh rate. Compared with splicing LCD, outdoor LED video wall achieves seamless splicing and more beautiful display effects; it enables a higher refresh rate and more astonishing visual effects as a whole!

Specifications:

LED Encapsulation	Model	K2.5
Resolution	LED Encapsulation	SMD1415
NATIONSTAR / High Refresh Rate Pirot Composition 1R1G1B Module Resolution 64°64 Module Dimension (mm) 160°160 192°192 192°192 192°192 193°193	Pixel Pitch	2.5mm
Pixel Composition IR1C1B Modulue Resolution 64*64 Modulue Dimension (mm) 160*160 Panel Resolution 192*192 Panel Dimension (mm) 480*80 Panel Weight \$45Kg / m² Operating Voltage DC + 4.2V ~ 5V Best View Distance 27.5m Horizontal View Angle 2140* Vertical View Angle 2140* Vertical View Angle 2140* Graphics card DV1/ HDMI / DP Video signal Compatible with PAL / NTSC / SECAM system. Support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc. Control Method Synchronous control Drive Device Constant current Refresh Frequency 23840Hz Scanning Method 16S Brightness 5000CD/ m² (Adjustable) Grayscale 281 Itilizon Contrast 23000: 1 Attenuation Rate (after working for 3 years) 51% Brightness Adjustment Method Software ot to 25S stepless adjustment Compater Operating System WINBA / 2000 / WIN XP / WIN Vista / WIN7	Resolution	160000 pixels/m²
Module Dimension (mm) 160°160 Module Dimension (mm) 192°192 Panel Resolution 192°192 Panel Dimension (mm) 480°480 Panel Weight 450'689 / m² Operating Voltage DC +4.2V + 5V Best View Distance 27.5m Horizontal View Angle 2140° Vertical View Angle 2140° Maintenance Method Rear maintenance Graphics card DVI / HDMI / DP Video signal Compatible with PAL / NTSC / SECAM system. Support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc. Ontrol Method Synchronous control Drive Device Constant current Kefresh Frequency 29840Hz Frame Frequency 260Hz Scanning Method 16S Brightness Adjustment Method 5000CD / m² (Adjustable) Grayscale 281 'Intilion Contrast 23000: 1 Attenuation Rate (after working for 3 years) 515% Brightness Adjustment Method Software 0 to 255 stepless adjustment Computer Operating System WIN88 / 2000 / WI	Lamp/IC	NATIONSTAR / High Refresh Rate
Module Dimension (mm)	Pixel Composition	1R1G1B
Panel Resolution 192'192 Panel Weight	Module Resolution	64*64
Panel Dimension (mm)	Module Dimension (mm)	160*160
Panel Weight ≤45 kg / m² Operating Voltage DC + 4.2V − 5V Best View Distance 27.5m Horizontal View Angle ≥140° Vertical View Angle ≥140° Maintenance Method Rear maintenance Graphics Card DVI / HDMI / DP Video signal Compatible with PAL / NTSC / SECAM system. Support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc. Control Method Synchronous control Drive Device Constant current Refresh Frequency ≥3840Hz Frame Frequency ≥360Hz Scanning Method 16S Brightness 5000CD / m² (Adjustable) Grayscale 281 trillion Contrast ≥3000: 1 Attenuation Rate (after working for 3 years) ≤15% Brightness Adjustment Method Software 0 to 255 stepless adjustment Computer Operating System WINSB / (2000 / WIN XP / WIN Vista / WIN YP MTBF ≥100000H Lifespan ≤100000H Failed Rate ≤1/10000 and no continuous failed pixels Software Professio	Panel Resolution	192*192
Operating Voltage DC + 4.2V ~ + 5V Best View Distance ≥7.5m Horizontal View Angle ≥140° Vertical View Angle ≥140° Maintenance Method Rear maintenance Graphics card DVI / HDMI / DP Video signal Compatible with PAL / NTSC / SECAM system. Support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc. Ontrol Method Synchronous control Drive Device Constant current Refresh Frequency ≥80H2 Scanning Method 16S Brightness 5000CD / m² (Adjustable) Grayscale 281 trillion Contrast ≥3000: 1 4tenuation Rate (after working for 3 years) \$15% Brightness Adjustment Method Software 0 to 255 stepless adjustment Computer Operating System WIN98 / 2000 / WIN XP / WIN Vista / WIN7 MTBF ≥10000H Lifespan ≤10000H Failed Rate ≤17/10000 and no continuous failed pixels Software Professional LED video wall programming software Mounting Cabinet Specification Standard sheet metal cabinet	Panel Dimension (mm)	480*480
Best View Distance 27.5m 2140°	Panel Weight	≤45Kg / m²
Horizontal View Angle	Operating Voltage	DC + 4.2V ~ + 5V
Vertical View Angle ≥140° Maintenance Method Rear maintenance Graphics card DVI / HDMI / DP Video signal Compatible with PAL / NTSC / SECAM system. Support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc. Control Method Synchronous control Drive Device Constant current Refresh Frequency ≥3840Hz Frame Frequency ≥60Hz Scanning Method 16S Brightness 5000CD / m² (Adjustable) Grayscale 281 trillion Contrast 23000: 1 Attenuation Rate (after working for 3 years) ≤15% Brightness Adjustment Method Software 0 to 255 stepless adjustment Computer Operating System WIN98 / 2000 / WIN XP / WIN Vista / WIN7 MTBF ≥10000H Lifespan ≤10000H Failed Rate ≤1/10000 and no continuous failed pixels Software Professional LED video wall programming software Mounting Cabinet Specification Standard sheet metal cabinet Brightness Uniformity ≥97% Protection Level Front IP65/Rear IP54	Best View Distance	≥7.5m
Maintenance Method Graphics card DVI / HDMI / DP Video signal Compatible with PAL / NTSC / SECAM system. Support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc. Control Method Drive Device Constant current Refresh Frequency 23840Hz Frame Frequency 260Hz Scanning Method Brightness 5500CD / m² (Adjustable) Grayscale Contrast Attenuation Rate (after working for 3 years) Brightness Adjustment Method Computer Operating System MIN88 / 2000 / WIN XP / WIN Vista / WIN7 MTBF 210000H Lifespan Falled Rate Software 0 to 255 stepless adjustment Mounting Cabinet Specification Brightness Uniformity 297% Protection Level Operating Vitage (AC) Question Side Vision Consumption Maximum Power Consumption Asic Care Power Consumption Asic Care Power Consumption Storage Temperature -36 C ~ + 85 C	Horizontal View Angle	
Graphics card	Vertical View Angle	≥140°
Video signal Compatible with PAL / NTSC / SECAM system. Support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc. Control Method Synchronous control Drive Device Constant current Refresh Frequency ≥3840Hz Frame Frequency ≥60Hz Scanning Method 16S Brightness 5000CD / m² (Adjustable) Grayscale 281 trillion Contrast 23000: 1 Attenuation Rate (after working for 3 years) ≤15% Brightness Adjustment Method Software 0 to 255 stepless adjustment Computer Operating System WIN98 / 2000 / WIN XP / WIN Vista / WIN7 MTBF ≥10000H Lifespan ≤1100000H Falled Rate ≤1/10000 and no continuous failed pixels Software Professional LED video wall programming software Mounting Cabinet Specification Standard sheet metal cabinet Brightness Uniformity ≥97% Protection Level Front I P65/Rear I P54 Operating Voltage (AC) 220V ± 10% / 50Hz or 110V ± 10% / 60Hz Average Power Consumption ≤420W/m² Maximum Power Consumption ≤1400W/m²	Maintenance Method	Rear maintenance
Control Method Synchronous control Drive Device Constant current Refresh Frequency ≥3840Hz Frame Frequency ≥60Hz Scanning Method 16S Brightness 5000CD / m² (Adjustable) Grayscale 281 trillion Contrast ≥3000: 1 Attenuation Rate (after working for 3 years) ≤15% Brightness Adjustment Method Software 0 to 255 stepless adjustment Computer Operating System WINS8 / 2000 / WIN XP / WIN Vista / WIN7 MTBF ≥10000H Lifespan ≤100000H Failed Rate ≤1/10000 and no continuous failed pixels Software Professional LED video wall programming software Mounting Cabinet Specification Standard sheet metal cabinet Brightness Uniformity ≥97% Protection Level Front IP65/Rear IP54 Operating Humidity 10% ~ 80% no condensation Operating Voltage (AC) 220V ± 10% / 50Hz or 110V ± 10% / 60Hz Average Power Consumption ≤420W/m² Maximum Power Consumption ≤1400W/m² Storage Temperature -35°C ~ +85°C	Graphics card	DVI/HDMI/DP
Drive Device Constant current Refresh Frequency ≥3840Hz Frame Frequency ≥60Hz Scanning Method 16S Brightness 5000CD / m² (Adjustable) Grayscale 281 trillion Contrast ≥3000: 1 Attenuation Rate (after working for 3 years) ≤15% Brightness Adjustment Method Software 0 to 255 stepless adjustment Computer Operating System WIN98 / 2000 / WIN XP / WIN Vista / WIN7 MTBF ≥100000H Lifespan ≤1100000H Failed Rate ≤1/10000 and no continuous failed pixels Software Professional LED video wall programming software Mounting Cabinet Specification Standard sheet metal cabinet Brightness Uniformity ≥97% Protection Level Front IP65/Rear IP54 Operating Humidity 10% ~ 80% no condensation Operating Voltage (AC) 220V ± 10% / 50Hz or 110V ± 10% / 60Hz Average Power Consumption ≤420W/m² Maximum Power Consumption ≤1400W/m² Storage Temperature -35°C ~ +85°C	Video signal	Compatible with PAL / NTSC / SECAM system. Support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc.
Refresh Frequency ≥3840Hz Frame Frequency ≥60Hz Scanning Method 16S Brightness 5000CD / m² (Adjustable) Grayscale 281 trillion Contrast ≥3000: 1 Attenuation Rate (after working for 3 years) ≥15% Brightness Adjustment Method Software 0 to 255 stepless adjustment Computer Operating System WINSØ / 2000 / WIN XP / WIN Vista / WIN7 MTBF ≥10000H Lifespan ≤11/10000 and no continuous failed pixels Software ≤10000H Failed Rate ≤11/10000 and no continuous failed pixels Software Professional LED video wall programming software Mounting Cabinet Specification Standard sheet metal cabinet Brightness Uniformity ≥97% Protection Level Front IP65/Rear IP54 Operating Humidity 10% ~ 80% no condensation Operating Voltage (AC) 220V ± 10% / 50Hz or 110V ± 10% / 60Hz Average Power Consumption ≤420W/m² Maximum Power Consumption ≤420W/m² Maximum Power Consumption ≤1400W/m²	Control Method	Synchronous control
Frame Frequency ≥60Hz Scanning Method 16S Brightness 5000CD / m² (Adjustable) Grayscale 281 trillion Contrast ≥3000: 1 Attenuation Rate (after working for 3 years) ≤15% Brightness Adjustment Method Software 0 to 255 stepless adjustment Computer Operating System WIN98 / 2000 / WIN XP / WIN Vista / WIN7 MTBF ≥10000H Lifespan ≤100000H Failed Rate ≤1/10000 and no continuous failed pixels Software Professional LED video wall programming software Mounting Cabinet Specification Standard sheet metal cabinet Brightness Uniformity ≥97% Protection Level Front IP66/Rear IP54 Operating Humidity 10% ~ 80% no condensation Operating Voltage (AC) 220V ± 10% / 50Hz or 110V ± 10% / 60Hz Average Power Consumption ≤420W/m² Maximum Power Consumption ≤1400W/m² Storage Temperature -35°C ~ + 85°C	Drive Device	Constant current
Scanning Method 16S Brightness 5000CD / m² (Adjustable) Grayscale 281 trillion Contrast ≥3000: 1 Attenuation Rate (after working for 3 years) ≤15% Brightness Adjustment Method Software 0 to 255 stepless adjustment Computer Operating System WIN98 / 2000 / WIN XP / WIN Vista / WIN7 MTBF ≥10000H Lifespan ≤100000H Failed Rate ≤1/10000 and no continuous failed pixels Software Professional LED video wall programming software Mounting Cabinet Specification Standard sheet metal cabinet Brightness Uniformity ≥97% Protection Level Front IP65/Rear IP54 Operating Humidity 10% ~ 80% no condensation Operating Voltage (AC) 220V ± 10% / 50Hz or 110V ± 10% / 60Hz Average Power Consumption ≤42W/m² Maximum Power Consumption ≤42W/m² Maximum Power Consumption ≤140W/m² Storage Temperature -35°C ~ + 85°C	Refresh Frequency	≥3840Hz
Brightness 5000CD / m² (Adjustable) Grayscale 281 trillion Contrast ≥3000: 1 Attenuation Rate (after working for 3 years) ≤15% Brightness Adjustment Method Software 0 to 255 stepless adjustment Computer Operating System WIN98 / 2000 / WIN XP / WIN Vista / WIN7 MTBF ≥10000H Lifespan ≤100000H Failed Rate ≤1/10000 and no continuous failed pixels Software Professional LED video wall programming software Mounting Cabinet Specification Standard sheet metal cabinet Brightness Uniformity ≥97% Protection Level Front IP65/Rear IP54 Operating Humidity 10% ~ 80% no condensation Operating Voltage (AC) 220V ± 10% / 50Hz or 110V ± 10% / 60Hz Average Power Consumption ≤420W/m² Maximum Power Consumption ≤1400W/m² Storage Temperature -35°C ~ + 85°C	Frame Frequency	≥60Hz
Grayscale 281 trillion Contrast ≥3000: 1 Attenuation Rate (after working for 3 years) ≤15% Brightness Adjustment Method Software 0 to 255 stepless adjustment Computer Operating System WIN98 / 2000 / WIN XP / WIN Vista / WIN7 MTBF ≥10000H Lifespan ≤100000H Failed Rate ≤1/10000 and no continuous failed pixels Software Professional LED video wall programming software Mounting Cabinet Specification Standard sheet metal cabinet Brightness Uniformity ≥97% Protection Level Front IP65/Rear IP54 Operating Humidity 10% ~80% no condensation Operating Voltage (AC) 220V ± 10% / 50Hz or 110V ± 10% / 60Hz Average Power Consumption ≤420W/m² Storage Temperature -35°C ~+ 85°C	Scanning Method	168
Contrast Attenuation Rate (after working for 3 years) Brightness Adjustment Method Computer Operating System MTBF ≥10000H Lifespan Failed Rate Software Professional LED video wall programming software Mounting Cabinet Specification Brightness Uniformity Protection Level Operating Humidity Operating Humidity Operating Voltage (AC) Average Power Consumption Maximum Power Consumption Storage Temperature ≥3000: 1 ≥3000: 1 ≥45% Software Viny8 / 2000 / WIN XP / WIN Vista / WIN7 WIN98 / 2000 / WIN XP / WIN Vista / WIN7 WIN98 / 2000 / WIN XP / WINN7 WIN98 / 2000 / WINN XP / WINN7 Extended Professional Continuous failed pixels Software Storage Power Consumption ≤420W/m² ≤420W/m² Storage Temperature -35°C ~ + 85°C	Brightness	5000CD / m² (Adjustable)
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Brightness Adjustment Method Computer Operating System WIN98 / 2000 / WIN XP / WIN Vista / WIN7 MTBF ≥10000H Lifespan ≤10000H Failed Rate ≤1/10000 and no continuous failed pixels Software Professional LED video wall programming software Mounting Cabinet Specification Brightness Uniformity ≥97% Protection Level Front IP65/Rear IP54 Operating Humidity 10% ~ 80% no condensation Operating Voltage (AC) Average Power Consumption 420W/m² Storage Temperature -35°C ~ + 85°C	Contrast	
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MTBF Lifespan ≤10000H Failed Rate ≤1/10000 and no continuous failed pixels Software Professional LED video wall programming software Mounting Cabinet Specification Brightness Uniformity ≥97% Protection Level Front IP65/Rear IP54 Operating Humidity 10% ~80% no condensation Operating Voltage (AC) Average Power Consumption Maximum Power Consumption Storage Temperature ≥10000H ≤10000H ≤100000H ≤10000		Software 0 to 255 stepless adjustment
Lifespan ≤100000H Failed Rate ≤1/10000 and no continuous failed pixels Software Professional LED video wall programming software Mounting Cabinet Specification Standard sheet metal cabinet Brightness Uniformity ≥97% Protection Level Front IP65/Rear IP54 Operating Humidity 10% ~ 80% no condensation Operating Voltage (AC) 220V ± 10% / 50Hz or 110V ± 10% / 60Hz Average Power Consumption ≤420W/m² Storage Temperature -35°C ~ + 85°C		WIN98 / 2000 / WIN XP / WIN Vista / WIN7
Failed Rate ≤1/10000 and no continuous failed pixels Software Professional LED video wall programming software Mounting Cabinet Specification Standard sheet metal cabinet Brightness Uniformity ≥97% Protection Level Front IP65/Rear IP54 Operating Humidity 10% ~ 80% no condensation Operating Voltage (AC) 220V ± 10% / 50Hz or 110V ± 10% / 60Hz Average Power Consumption ≤420W/m² Storage Temperature -35°C ~ + 85°C	MTBF	≥10000H
Software Professional LED video wall programming software Mounting Cabinet Specification Standard sheet metal cabinet Brightness Uniformity ≥97% Protection Level Front IP65/Rear IP54 Operating Humidity 10% ~ 80% no condensation Operating Voltage (AC) 220V ± 10% / 50Hz or 110V ± 10% / 60Hz Average Power Consumption ≤420W/m² Maximum Power Consumption ≤1400W/m² Storage Temperature -35°C ~ + 85°C	Lifespan	≤100000H
Mounting Cabinet Specification Standard sheet metal cabinet Brightness Uniformity ≥97% Protection Level Front IP65/Rear IP54 Operating Humidity 10% ~ 80% no condensation Operating Voltage (AC) 220V ± 10% / 50Hz or 110V ± 10% / 60Hz Average Power Consumption ≤420W/m² Maximum Power Consumption ≤1400W/m² Storage Temperature -35°C ~ + 85°C	Failed Rate	≤1/10000 and no continuous failed pixels
Brightness Uniformity ≥97% Protection Level Front IP65/Rear IP54 Operating Humidity 10% ~ 80% no condensation Operating Voltage (AC) 220V ± 10% / 50Hz or 110V ± 10% / 60Hz Average Power Consumption ≤420W/m² Maximum Power Consumption ≤1400W/m² Storage Temperature -35°C ~ + 85°C	Software	Professional LED video wall programming software
Protection Level Front IP65/Rear IP54 Operating Humidity 10% ~ 80% no condensation Operating Voltage (AC) 220V ± 10% / 50Hz or 110V ± 10% / 60Hz Average Power Consumption ≤420W/m² Maximum Power Consumption ≤1400W/m² Storage Temperature -35°C ~ + 85°C	Mounting Cabinet Specification	
Operating Humidity $10\% \sim 80\%$ no condensation Operating Voltage (AC) $220V \pm 10\% / 50$ Hz or $110V \pm 10\% / 60$ Hz Average Power Consumption ≤ 420 W/m² Maximum Power Consumption ≤ 1400 W/m² Storage Temperature -35° C $\sim +85^{\circ}$ C	Brightness Uniformity	≥97%
Operating Voltage (AC) 220V ± 10% / 50Hz or 110V ± 10% / 60Hz Average Power Consumption ≤420W/m² Maximum Power Consumption ≤1400W/m² Storage Temperature -35°C ~ + 85°C	Protection Level	Front IP65/Rear IP54
Average Power Consumption ≤420W/m² Maximum Power Consumption ≤1400W/m² Storage Temperature -35°C ~ +85°C	Operating Humidity	10% ~ 80% no condensation
Maximum Power Consumption ≤1400W/m² Storage Temperature -35°C ~ +85°C	Operating Voltage (AC)	220V ± 10% / 50Hz or 110V ± 10% / 60Hz
Storage Temperature -35°C ~+85°C	Average Power Consumption	≤420W/m²
	Maximum Power Consumption	≤1400W/m²
Operating Temperature $-20^{\circ}\text{C} \sim +50^{\circ}\text{C}$	Storage Temperature	-35°C ∼ + 85°C
	Operating Temperature	-20°C ∼ + 50°C