



## **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
- 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 harsh 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
- \* 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   18000 pixels/m²	LED encapsulation	SMD1415
Lamp beadIC   NATIONSTAR/High Refresh rate   Pixel composition   126'64   Module resolution   126'64   Module dimension (mm)   320'160   384'384	Pixel pitch	2.5mm
Pixel composition         IRIG1B           Module resolution         128°64           Module dimension (mm)         320°160           Cabinet resolution         384°384           Cabinet dimension (mm)         960°960           Cabinet weight         456gm²           Operating voltage         DC*3.8V+5V           Best View distance         27.5m           Horizontal Vew angle         2170°           Vertical view angle         2170°           Vertical view angle         2170°           Waintenance method         Ger maintenance           Graphics card         DVIH/DMIDP           Video signal         Compatible with PAL/NTSC/SECAM format, support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc.           Control method         Synchronous control           Drive device         Constant current drive           Refresh rate         23840Hz           Scanning method         16S           Srightness         25000CDm² (adjustable)           Grayscale         281 tillion           Contrast         210000-1           Attenuation rate (after 3-year work)         515%           Brightness algustment method         Software on to 25S stepless adjustment           Compater operating syste	Resolution	160000 pixels/m <sup>2</sup>
Module resolution         128°64           Module dimension (mm)         320°160           Cabinet resolution         384°384           Cabinet dimension (mm)         960°980           Cabinet dimension (mm)         458gm²           Operating voltage         DC*3.87°+5V           Best view distance         2.75m           Horizontal view angle         2170°           Vertical view angle         2170°           Maintenance method         Rear maintenance           Graphics card         DVIHDMINDP           Video signal         Compatible with PAL/NTSC/SECAM format, support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc.           Control method         Synchronous control           Drive device         Constant current drive           Refresh rate         23840Hz           Frame rate         260Hz           Scanning method         16S           Brightness         25000CD/m² (adjustable)           Grayscale         281 trillion           Contrast         210000:1           Attenuation rate (after 3-year work)         515%           Brightness adjustment method         Software 0 to 255 stepless adjustment           WINSE/2000/WIN XPAWIN Vista/WIN         WINSE/2000/WIN XPAWIN Vista/WIN	Lamp bead/IC	NATIONSTAR/High Refresh rate
Module dimension (mm)         320*160           Cabinet resolution         384*384           Cabinet weight         \$45kg/m²           Operating voltage         DC+3.8V+5V           Best view distance         ₹7.5m           Horizontal view angle         ≥170°           Vertical view angle         ≥170°           Vertical view angle         ≥170°           Video signal         Compatible with PAL/NTSC/SECAM format, support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc.           Control method         Synchronous control           Drive device         Constant current drive           Refresh rate         ≥8840±2           Frame rate         ≥600±2           Scanning method         16S           Brightness         ≥5000CD/m² (adjustable)           Grayscale         ≥81 trillion           Contrast         ≥10000:1           Attenuation rate (after 3-year work)         ≤15%           Brightness adjustment method         Software 0 to 255 stepless adjustment           Compatible supportance         ≥10000001           MTBF         ≥20000H           Failed rate         ≤110000000 and no continuous failed pixels           Software         Professional LED display system programming software	Pixel composition	1R1G1B
Cabinet resolution         384*384           Cabinet dimension (mm)         960*960           Cabinet weight         ≤45kg/m²           Operating voltage         DC+3.8V+5V           Best view distance         ≥7.5m           Horizontal view angle         ≥170*           Vertical view angle         ≥170*           Maintenance method         Rear maintenance           Graphics card         DVI/HDMI/DP           Video signal         Compatible with PAL/NTSC/SECAM format, support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc.           Control method         Synchronous control           Drive device         Constant current drive           Refresh rate         ≥3840Hz           Frame rate         ≤60Hz           Scanning method         16S           Brightness         ≥500CD/m² (adjustable)           Grayscale         281 trillion           Contrast         ≥10000:1           Attenuation rate (after 3-year work)         ≤15%           Brightness adjustment method         Software 0 to 255 stepless adjustment           Computer operating system         WIN98/2000WIN XP/WIN Vista/WIN7           MTBF         ≥20000H           Lifespan         >1100000 and no continuous failed pixels <tr< td=""><td>Module resolution</td><td>128*64</td></tr<>	Module resolution	128*64
Cabinet dimension (mm)         960°960           Cabinet weight         ≤45kg/m²           Operating voltage         DC+3.8V~+5V           Best view distance         27.5m           Horizontal view angle         ≥170°           Vertical view angle         ≥170°           Waintenance method         Rear maintenance           Graphics card         DVI/HDMI/DP           Video signal         Compatible with PAL/NTSC/SECAM format, support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc.           Control method         Synchronous control           Drive device         Constant current drive           Kefresh rate         2840HZ           Frame rate         260HZ           Scanning method         16S           Brightness         ≥5000CD/m² (adjustable)           Grayscale         281 tritilion           Ornstat         ≥10000.1           Attenuation rate (after 3-year work)         S15%           Brightness adjustment method         Software to 255 stepless adjustment           Computer operating system         Will MS9/2000/WIN XPWIN Vista/WIN7           MTBI         20000H           Lifespan         ≥100000H           Failed rate         \$1100000 and no continuous failed pixels	Module dimension (mm)	320*160
Cabinet weight         ≤45kg/m²           Operating voltage         DC+3.8V~+5V           Best view distance         27.5m           Horizontal view angle         ≥170°           Vertical view angle         ≥170°           Maintenance method         Rear maintenance           Graphics card         DVI/HDM/DP           Video signal         Compatible with PAL/NTSC/SECAM format, support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF, RGBHV; YUV; YC, etc.           Control method         Synchronous control           Drive device         Constant current drive           Refresh rate         ≥3840Hz           Frame rate         ≥60Hz           Scanning method         16S           Brightness         ≥5000CD/m² (adjustable)           Grayscale         281 trillion           Attenuation rate (after 3-year work)         51%           Brightness adjustment method         Software 0 to 255 stepless adjustment           Computer operating system         WINS8/2000WIN XP/WIN Vista/WIN7           MTBF         ≥20000H           Lifespan         ≥100000H           Failed rate         ≤11/100000 and no continuous failed pixels           Software         Professional LED display system programming software           Software         Prof	Cabinet resolution	
Operating voltage         DC+3.8V~+5V           Best view distance         ≥7.5m           Horizontal view angle         ≥170°           Vertical view angle         ≥170°           Waintenance method         Rear maintenance           Graphics card         DV/HDMI/DP           Video signal         Compatible with PAL/NTSC/SECAM format, support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc.           Control method         Synchronous control           Drive device         Constant current drive           Refresh rate         ≥8840H2           Frame rate         ≥60H2           Scanning method         16S           Brightness         ≥5000CD/m² (adjustable)           Grayscale         281 trillion           Contrast         ≥10000:1           Attenuation rate (after 3-year work)         ≤15%           Brightness adjustment method         Software 0 to 255 stepless adjustment           Computer operating system         WIN98/2000/WIN XP/WIN Vistal/WIN7           MTBF         ≥20000H           Lifespan         ≥100000H           Failed rate         ≤11/0000 and no continuous failed pixels           Software         Professional LED display system programming software           Software         Professio	Cabinet dimension (mm)	960*960
Best view distance	Cabinet weight	≤45kg/m²
Horizontal view angle 2170° Vertical view angle 2170° Maintenance method Rear maintenance ODVIHDMI/DP Video signal Compatible with PAL/NTSC/SECAM format, support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc. Control method Synchronous control Drive device Constant current drive Refresh rate 23840Hz Frame rate 260Hz Scanning method 16S Brightness 25000CD/m² (adjustable) Grayscale 281 trillion Contrast 1150% Attenuation rate (after 3-year work) 155% Brightness adjustment method Software 0 to 255 stepless adjustment Computer operating system WINS8/2000/WIN XP/WIN Vista/WIN7 MTBF 220000H Lifespan 100000H Failed rate 1100000H Failed rate 1100000H Failed rate 1100000H Software Professional LED display system programming software Storage temperature -20 C+50 C Operating humidity 10%—80% no condensation Operating voltage (AC) 220V±10%/50Hz or 110V±10%/60Hz Average power consumption 51000W/m² Brightness sentiformity 299%	Operating voltage	DC+3.8V~+5V
Vertical view angle         ≥170°           Maintenance method         Rear maintenance           Graphics card         DVI/HDM/IDP           Video signal         Compatible with PAL/NTSC/SECAM format, support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc.           Control method         Synchronous control           Drive device         Constant current drive           Refresh rate         ≥3840Hz           Frame rate         ≥60Hz           Scanning method         16S           Brightness         ≥5000CD/m² (adjustable)           Grayscale         281 trillion           Contrast         ≥10000:1           Attenuation rate (after 3-year work)         ≤15%           Brightness adjustment method         Software 0 to 255 stepless adjustment           Computer operating system         WINBR/IZ000/WIN XP/WIN Vista/WIN7           MTBF         ≥20000H           Lifespan         ≥10000H           Falled rate         ≤1/100000 and no continuous failed pixels           Software         Professional LED display system programming software           Storage temperature         -20°C ++85°C           Operating tumidity         10%-80% no condensation           Operating humidity         10%-80% no condensation <t< td=""><td>Best view distance</td><td>≥7.5m</td></t<>	Best view distance	≥7.5m
Maintenance method Graphics card DVI/HDMI/DP Video signal Compatible with PAL/NTSC/SECAM format, support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc.  Control method Drive device Constant current drive Refresh rate £3840Hz Frame rate £3840Hz Scanning method Brightness £5000CD/m² (adjustable) Grayscale Contrast Attenuation rate (after 3-year work) \$15% Brightness adjustment method Computer operating system MN88/2000/WIN XP/WIN Vista/WIN7 MTBF £20000H Lifespan Failed rate Software Software Professional LED display system programming software Software Operating temperature -20°C~+50°C Operating temperature -20°C~+50°C Operating humidity 10%-80% no condensation Operating voltage (AC) Average power consumption Standard sheet metal cabinet Englightness uniformity 299%	Horizontal view angle	
Graphics card         DVI/HDMI/DP           Video signal         Compatible with PAL/NTSC/SECAM format, support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc.           Control method         Synchronous control           Drive device         Constant current drive           Refresh rate         ≥3840Hz           Frame rate         ≥60Hz           Scanning method         16S           Brightness         ≥5000CD/m² (adjustable)           Grayscale         281 trillion           Contrast         ≥10000:1           Attenuation rate (after 3-year work)         ≤15%           Brightness adjustment method         Software to to 255 stepless adjustment           Computer operating system         WINBR/2000/WIN XP/WIN Vista/WIN7           MTBF         ≥20000H           Lifespan         ≥100000H           Failed rate         ≤11/00000 and no continuous failed pixels           Software         Professional LED display system programming software           Storage temperature         -35°C +48°C           Operating temperature         -20°C +45°C           Operating temperature         -20°C +50°C           Operating temperature         -20°C +50°C           Operating voltage (AC)         220V±10%/50Hz or 110V±10%/60Hz	Vertical view angle	≥170°
Video signal         Compatible with PAL/NTSC/SECAM format, support S-Video; VGA; RGB; Composite Video; SDI; DVI; RF; RGBHV; YUV; YC, etc.           Control method         Synchronous control           Drive device         Constant current drive           Refresh rate         ≥3840Hz           Frame rate         ≥60Hz           Scanning method         16S           Brightness         ≥5000CD/m² (adjustable)           Grayscale         281 trillion           Contrast         ≥10000.1           Attenuation rate (after 3-year work)         ≤15%           Brightness adjustment method         Software 0 to 255 stepless adjustment           Computer operating system         WIN98/2000/WIN XP/WIN Vista/WIN7           MTBF         ≥20000H           Lifespan         ≥100000H           Falled rate         ≤1/100000 and no continuous failed pixels           Software         Professional LED display system programming software           Storage temperature         -25°C ~+85°C           Operating temperature         -20°C ~+85°C           Operating temperature         -20°C ~+85°C           Operating temperature         -20°C ~+85°C           Operating voltage (AC)         220V±10%/50Hz or 110V±10%/60Hz           Average power consumption         ≤1000W/m² <td>Maintenance method</td> <td>Rear maintenance</td>	Maintenance method	Rear maintenance
Control method       Synchronous control         Drive device       Constant current drive         Refresh rate       ≥3840Hz         Frame rate       ≥60Hz         Scanning method       16S         Brightness       ≥5000CD/m² (adjustable)         Grayscale       281 trillion         Contrast       ≥10000:1         Attenuation rate (after 3-year work)       ≤15%         Brightness adjustment method       Software 0 to 255 stepless adjustment         Computer operating system       WINS8/2000/WIN XP/WIN Vista/WIN7         MTBF       ≥20000H         Lifespan       ≥100000H         Failed rate       ≤1/100000 and no continuous failed pixels         Software       Professional LED display system programming software         Storage temperature       -35°C-+85°C         Operating temperature       -20°C-+50°C         Operating temperature       -20°C-+50°C         Operating voltage (AC)       220×10%/50Hz or 110V±10%/60Hz         Average power consumption       ≤300W/m²         Maximum power consumption       ≤1000W/m²         Cabinet specification       Standard sheet metal cabinet         Brightness uniformity       ≥99%	Graphics card	DVI/HDMI/DP
Drive device         Constant current drive           Refresh rate         ≥3840Hz           Frame rate         ≥60Hz           Scanning method         16S           Brightness         ≥5000CD/m² (adjustable)           Grayscale         281 trillion           Contrast         ≥10000:1           Attenuation rate (after 3-year work)         ≤15%           Brightness adjustment method         Software to 0.255 stepless adjustment           Computer operating system         WIN98/2000/WIN XP/WIN Vista/WIN7           MTBF         ≥20000H           Lifespan         ≥11/0000 and no continuous failed pixels           Software         ≥1/10000 and no continuous failed pixels           Software         Professional LED display system programming software           Storage temperature         -35°C +85°C           Operating temperature         -20°C +50°C           Operating humidity         10%-80% no condensation           Operating voltage (AC)         220½±10%/50Hz or 110½±10%/60Hz           Average power consumption         ≤300W/m²           Maximum power consumption         ≤1000W/m²           Cabinet specification         Standard sheet metal cabinet           Brightness uniformity         ≥99%	Video signal	
Refresh rate         ≥3840Hz           Frame rate         ≥60Hz           Scanning method         16S           Brightness         ≥5000CD/m² (adjustable)           Grayscale         281 trillion           Contrast         ≥10000:1           Attenuation rate (after 3-year work)         ≤15%           Brightness adjustment method         Software 0 to 255 stepless adjustment           Computer operating system         WINS98/2000/WIN XP/WIN Vistar/WIN7           MTBF         ≥20000H           Lifespan         ≥100000H           Falled rate         ≤11/100000 and no continuous failed pixels           Software         Professional LED display system programming software           Storage temperature         -35°C+45°C           Operating temperature         -20°C+450°C           Operating humidity         10%-80% no condensation           Operating voltage (AC)         220½10%/50Hz or 110½10%/60Hz           Average power consumption         ≤300W/m²           Maximum power consumption         ≤1000W/m²           Cabinet specification         Standard sheet metal cabinet           Brightness uniformity         ≥99%	Control method	
Frame rate \$\ 260Hz\$  Scanning method \$\ 16S\$  Brightness \$\ \geq 5000CD/m^2 (adjustable)\$  Grayscale \$\ 281 trillion\$  Contrast \$\ \geq 10000:1\$  Attenuation rate (after 3-year work) \$\ \sqrt{15}\%\$  Brightness adjustment method \$\ \text{Software 0 to 255 stepless adjustment}\$  Computer operating system \$\ \text{WIN98/2000/WIN XP/WIN Vista/WIN7}\$  MTBF \$\ \geq 20000H\$  Lifespan \$\ \geq 1/100000 \text{ and no continuous failed pixels}\$  Software \$\ \text{Professional LED display system programming software}\$  Storage temperature \$\ \geq 25'C\rightarrow +85'C\$  Operating temperature \$\ \geq 20'\rightarrow +80\% \text{ no condensation}\$  Operating voltage (AC) \$\ \geq 20\text{V1/10//50Hz or 110V±10\text{/60Hz}}\$  Average power consumption \$\ \sqrt{300W/m^2}\$  Standard sheet metal cabinet \$\ \text{Prightness uniformity}\$  \[ \end{array}  \text{Policy of the prightness uniformity}  \[ \end{array}  \text{Policy of the prightness uniformity}  \[ \end{array}  \text{Policy of the prightness uniformity}  \end{array}  \text{Policy of the prightness uniformity}  \[ \end{array}  \text{Policy of the prightness uniformity}  \[ \text{Policy of the prightness uniformity}  \end{array}  \text{Policy of the prightness uniformity}  \end{array}  \text{Policy of the prightness uniformity}  \text{Policy of the prightness uniformity}  \end{array}  \text{Policy of the prightness uniformity}  \[ \text{Policy of the prightness uniformity}  \end{array}  \text{Policy of the prightness uniformity}  \[ \text{Policy of the prightness uniformity}  \end{array}  \text{Policy of the prightness uniformity}  \end{array}  \text{Policy of the prightness uniformity}  \end{array}  Policy of the prightness unifo	Drive device	Constant current drive
Scanning method     16S       Brightness     ≥5000CD/m² (adjustable)       Grayscale     281 trillion       Contrast     ≥10000:1       Attenuation rate (after 3-year work)     ≤15%       Brightness adjustment method     Software 0 to 255 stepless adjustment       Computer operating system     WIN98/2000/WIN XP/WIN Vista/WIN7       MTBF     ≥20000H       Lifespan     ≥100000H       Failed rate     ≤1/100000 and no continuous failed pixels       Software     Professional LED display system programming software       Storage temperature     -35°C ~+85°C       Operating temperature     -20°C ~+50°C       Operating humidity     10%~80% no condensation       Operating voltage (AC)     220V±10%/50Hz or 110V±10%/60Hz       Average power consumption     ≤300W/m²       Maximum power consumption     ≤1000W/m²       Cabinet specification     Standard sheet metal cabinet       Brightness uniformity     ≥99%	Refresh rate	≥3840Hz
Brightness ≥5000CD/m² (adjustable) Grayscale 281 trillion Contrast ≥10000:1 Attenuation rate (after 3-year work) ≤15% Brightness adjustment method Software 0 to 255 stepless adjustment Computer operating system WIN98/2000/WIN XP/WIN Vista/WIN7 MTBF ≥20000H Failed rate ≤1/100000 and no continuous failed pixels Software Professional LED display system programming software Storage temperature -35°C→485°C Operating temperature -20°C→+50°C Operating humidity 10%~80% no condensation Operating voltage (AC) 220V±10%/50Hz or 110V±10%/60Hz Average power consumption ≤300W/m² Maximum power consumption ≤3100W/m² Cabinet specification Standard sheet metal cabinet Brightness uniformity ≥99%	Frame rate	
Grayscale 281 trillion  Contrast ≥10000:1  Attenuation rate (after 3-year work) ≤15%  Brightness adjustment method Software 0 to 255 stepless adjustment  Computer operating system WIN98/2000/WIN XP/WIN Vista/WIN7  MTBF ≥20000H  Lifespan ≥100000H  Failed rate ≤1/100000 and no continuous failed pixels  Software Professional LED display system programming software  Storage temperature -35°C~+85°C  Operating temperature -20°C~+50°C  Operating temperature -20°C~+50°C  Operating voltage (AC) 220V±10%/50Hz or 110V±10%/60Hz  Average power consumption ≤300W/m²  Maximum power consumption ≤1000W/m²  Cabinet specification Standard sheet metal cabinet  Brightness uniformity ≥99%	Scanning method	16S
Contrast ≥10000:1  Attenuation rate (after 3-year work) ≤15%  Brightness adjustment method Software 0 to 255 stepless adjustment  Computer operating system WIN98/2000/WIN XP/WIN Vista/WIN7  MTBF ≥20000H  Lifespan ≥100000H  Failed rate ≤1/100000 and no continuous failed pixels  Software Professional LED display system programming software  Storage temperature −35°C∼+85°C  Operating temperature −20°C∼+50°C  Operating temperature 10%−80% no condensation  Operating voltage (AC) 220V±10%/50Hz or 110V±10%/60Hz  Average power consumption ≤300W/m²  Maximum power consumption ≤1000W/m²  Cabinet specification Standard sheet metal cabinet  Brightness uniformity ≥99%	Brightness	≥5000CD/m² (adjustable)
Attenuation rate (after 3-year work)  Brightness adjustment method  Computer operating system  WIN98/2000/WIN XP/WIN Vista/WIN7  MTBF  ≥20000H  Lifespan ≥100000H  Failed rate ≤1/100000 and no continuous failed pixels  Software  Professional LED display system programming software  Storage temperature Operating temperature  Operating temperature  Operating humidity  10%~80% no condensation  Operating voltage (AC)  Average power consumption  Maximum power consumption  Maximum power consumption  Standard sheet metal cabinet  Brightness uniformity  ≤99%	Grayscale	281 trillion
Brightness adjustment method Computer operating system WIN98/2000/WIN XP/WIN Vista/WIN7  MTBF ≥2000H Lifespan ≥100000H Failed rate ≤1/100000 and no continuous failed pixels Software Professional LED display system programming software Storage temperature -35°C∼+85°C Operating temperature -20°C∼+50°C Operating humidity 10%−80% no condensation Operating voltage (AC) 220V±10%/50Hz or 110V±10%/60Hz Average power consumption Maximum power consumption Maximum power consumption Standard sheet metal cabinet Brightness uniformity ≥99%		
Computer operating system         WIN98/2000/WIN XP/WIN Visia/WIN7           MTBF         ≥20000H           Lifespan         ≥100000H           Failed rate         ≤1/100000 and no continuous failed pixels           Software         Professional LED display system programming software           Storage temperature         -35°C~+85°C           Operating temperature         -20°C~+50°C           Operating humidity         10%~80% no condensation           Operating voltage (AC)         220V±10%/50Hz or 110V±10%/60Hz           Average power consumption         ≤300W/m²           Maximum power consumption         ≤1000W/m²           Cabinet specification         Standard sheet metal cabinet           Brightness uniformity         ≥99%		
MTBF         ≥20000H           Lifespan         ≥100000H           Failed rate         ≤1/100000 and no continuous failed pixels           Software         Professional LED display system programming software           Storage temperature         -35°C~+85°C           Operating temperature         -20°C~+50°C           Operating humidity         10%~80% no condensation           Operating voltage (AC)         220V±10%/50Hz or 110V±10%/60Hz           Average power consumption         ≤300W/m²           Maximum power consumption         ≤1000W/m²           Cabinet specification         Standard sheet metal cabinet           Brightness uniformity         ≥99%		, ,
Lifespan ≥100000H  Failed rate ≤1/100000 and no continuous failed pixels  Software Professional LED display system programming software  Storage temperature -35°C~+85°C  Operating temperature -20°C~+50°C  Operating humidity 10%-80% no condensation  Operating voltage (AC) 220V±10%/50Hz or 110V±10%/60Hz  Average power consumption ≤300W/m²  Maximum power consumption ≤1000W/m²  Cabinet specification Standard sheet metal cabinet  Brightness uniformity ≥99%		
Failed rate ≤1/100000 and no continuous failed pixels  Software Professional LED display system programming software  Storage temperature -35°C~+85°C Operating temperature -20°C~+50°C Operating humidity 10%-80% no condensation Operating voltage (AC) 220V±10%/50Hz or 110V±10%/60Hz  Average power consumption ≤300W/m²  Maximum power consumption ≤1000W/m² Cabinet specification Standard sheet metal cabinet  Brightness uniformity ≥99%	MTBF	
Software       Professional LED display system programming software         Storage temperature       -35°C∼+85°C         Operating temperature       -20°C∼+50°C         Operating humidity       10%~80% no condensation         Operating voltage (AC)       220V±10%/50Hz or 110V±10%/60Hz         Average power consumption       ≤300W/m²         Maximum power consumption       ≤1000W/m²         Cabinet specification       Standard sheet metal cabinet         Brightness uniformity       ≥99%	Lifespan	
Storage temperature         -35°C~+85°C           Operating temperature         -20°C~+50°C           Operating humidity         10%-80% no condensation           Operating voltage (AC)         220V±10%/50Hz or 110V±10%/60Hz           Average power consumption         ≤300W/m²           Maximum power consumption         ≤1000W/m²           Cabinet specification         Standard sheet metal cabinet           Brightness uniformity         ≥99%	Failed rate	
Operating temperature         -20°C∼+50°C           Operating humidity         10%~80% no condensation           Operating voltage (AC)         220V±10%/50Hz or 110V±10%/60Hz           Average power consumption         ≤300W/m²           Maximum power consumption         ≤1000W/m²           Cabinet specification         Standard sheet metal cabinet           Brightness uniformity         ≥99%	Software	Professional LED display system programming software
Operating humidity     10%~80% no condensation       Operating voltage (AC)     220V±10%/50Hz or 110V±10%/60Hz       Average power consumption     ≤300W/m²       Maximum power consumption     ≤1000W/m²       Cabinet specification     Standard sheet metal cabinet       Brightness uniformity     ≥99%	Storage temperature	-35°C~+85°C
Operating voltage (AC)         220V±10%/50Hz or 110V±10%/60Hz           Average power consumption         ≤300W/m²           Maximum power consumption         ≤1000W/m²           Cabinet specification         Standard sheet metal cabinet           Brightness uniformity         ≥99%	Operating temperature	-20°C~+50°C
Average power consumption       ≤300W/m²         Maximum power consumption       ≤1000W/m²         Cabinet specification       Standard sheet metal cabinet         Brightness uniformity       ≥99%		10%~80% no condensation
Maximum power consumption     ≤1000W/m²       Cabinet specification     Standard sheet metal cabinet       Brightness uniformity     ≥99%		220V±10%/50Hz or 110V±10%/60Hz
Cabinet specification     Standard sheet metal cabinet       Brightness uniformity     ≥99%		
Brightness uniformity ≥99%		≤1000W/m²
		Standard sheet metal cabinet
Protection class Front IP65/Rear IP54	Brightness uniformity	
	Protection class	Front IP65/Rear IP54