Outdoor Full Color LED Video Wall

TV-OH250-BX

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 recyclable.
* 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 0.1W of power.
* 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:

Model	K2.5
LED Encapsulation	SMD1415
Pixel Pitch	2.5mm
Resolution	160000 pixels/m²
Lamp/IC	NATIONSTAR / High Refresh Rate
Pixel Composition	1R1G1B
Module Resolution	64*64
Module Dimension (mm)	160*160
Panel Resolution	192*192
Panel Dimension (mm)	480*480
Panel 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 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	≥10000: 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	≥20000H
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	≥99%
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	≤300W/m²
Maximum Power Consumption	≤1000W/m²
Storage Temperature	-35°C ~ + 85°C
Operating Temperature	-20°C ~ + 50°C