



Outdoor full-color LED screen

E3.91 (Specifications: TF-9E.AG-J)



Features

1. Computer operating system: Windows 7 or above
2. The design incorporates screw fixing for enhanced maintenance, improving the safety of module installation.
3. The use of quick-connect aviation plugs allows for rapid and safe connection or disconnection of power cords and network cables, facilitating module power supply and signal transmission.
4. The raised platform design on the bottom of the cabinet protects the display screen when the cabinet touches the ground.
5. Manual corner protectors are designed at all four corners of the cabinet to prevent damage to the display screen during packaging or handling.
6. The LED display unit modules and unit cabinets adopt an industrial-grade rigid connection design, with no signal cables inside the cabinets, resulting in a clean and tidy appearance, stable connections, and fast installation and maintenance.
7. The LED display screen adopts a three-axis (X, Y, Z) adjustment mechanism, which can realize six-way arbitrary adjustment of the screen.
8. One box, one card, one power supply; freely combinable; supports hoisting, stacking, fixed installation, and H-frame installation.
9. Hard connection, fully supports hot-swapping, convenient and quick.

Specification

LED packaging	SMD1921 White Light
Physical point spacing	3.91mm
resolution	65536 points/m ²
LED beads/IC	High-quality domestic copper wire/high brush
Light-emitting point color combination	1R1G1B
Module resolution	64*64
Module dimensions (mm)	250*250
Segment resolution	128*256
Box dimensions (mm)	500*1000
Box weight	≤15Kg/piece
Operating voltage	DC +4.2V~+5V
Optimal viewing distance	≥12m
Horizontal perspective	≥175°
Vertical perspective	≥175°
Maintenance method	Post-maintenance



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Control method	Synchronization control
Drive device	constant current
refresh rate	≥4200Hz
Frame rate	≥60Hz
Scanning method	16S
brightness	3500-4000 CD/m ²
Gray levels	12/14/16/18bit
Contrast	≥10000:1
Attenuation rate (after three years of operation)	≤15%
Brightness adjustment method	Automatic/Manual: 0-100%
Mean Time Between Failures	≥20000H
life	≥100000H
Noise rate	≤1/100000 and no continuous out-of-control points
Ambient temperature	Storage temperature: -35°C to +85°C
Operating temperature	-20°C to +60°C
Operating voltage (AC)	90V-270V (50Hz/60Hz)
Average power consumption	≤170W/m ²
Maximum power consumption	≤680W/m ²
Installation enclosure specifications	Die-cast aluminum housing
Brightness uniformity	≥99%
Protection level	Front IP65 / Rear IP65