



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

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| LED packaging | SMD1921 White Light |
| Physical point spacing | 3.91mm |
| resolution | 65536 points/m² |
| 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 |