

CFO Series

Outdoor Carbon Fiber LED Panel for Rental-P2.9, P3.9



Carbon Fiber Structure



Super Light Weight



Better Flatness



Robust Frame



Excellent Performance



Easy Repair



7680hz Refresh Rate



Various Shapes

High-strength Carbon Fiber Structure of LED Panel

The structure of the LED cabinet is constructed from high-strength carbon fiber materials, which ensures exceptional durability and robustness of the LED panel frame. This makes it an ideal choice for LED display video solutions in touring events, sports competitions, concert stages, and other grand occasions.





Super Light weight

The LED panel weighs only 5.5kg, which greatly reduces the workload of the installation technicians. This lightweight design enables them to install large-area display screens more easily and helps minimize the risk of damage to LED modules that may occur during rough installation or teardown due to fatigue.

Meanwhile, the innovative super lightweight panel design significantly alleviates the burden on the truss during screen installation, particularly in large-scale setups. This enhancement contributes to a safer installation process overall.

Better Flatness, Thin & Robust

The module has been thoughtfully designed without a plastic casing, which enhances the flatness of both the LED panel and the screen.

Additionally, the thickness of the LED panel is just 70mm, resulting in smaller flight case packaging. This allows transportation trucks to carry more flight cases within the same truck size. At the same time, this design also contributes to a reduction in transportation costs.

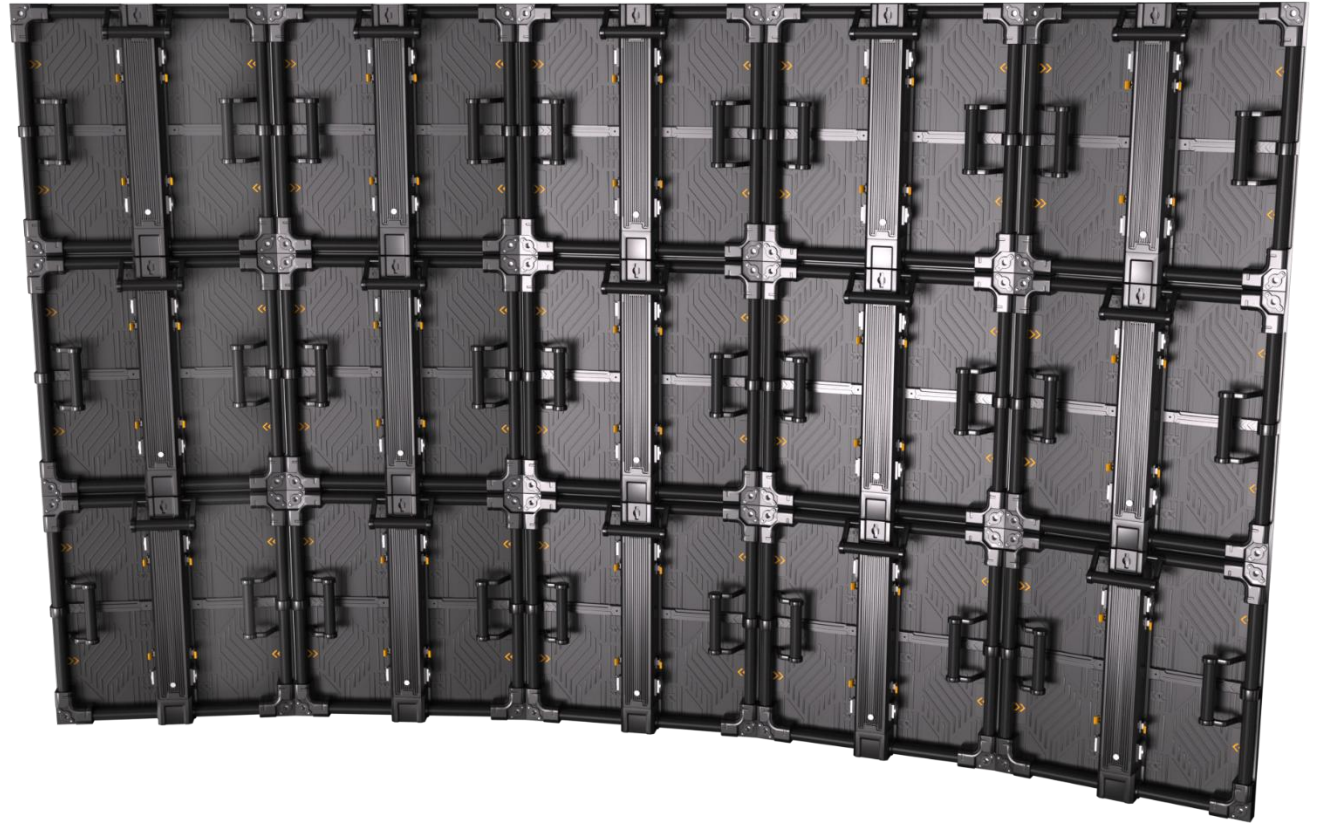
The LED panel exhibits exceptional stability. Even during extended tours lasting three to six months, the LED panel maintains a high level of reliability.



Rapid Install & Teardown

The mounting hardware necessitates no tools and requires only minimal training for installation personnel.

The exquisite locking system on the LED panel, designed in accordance with principles of mechanical engineering, facilitates rapid installation and dismantling of the screen.



Creative & Flexible Setup

The LED panel features a curved locking system with an adjustable range of +15 degrees to -10 degrees, allowing for the creation of various wave-shaped designs. This versatility accommodates different setup configurations, including stacking, hanging, ceiling mounting, and more.

To facilitate easier screen setups, we offer a range of accessories such as stacking stands, touring trusses, transport dollies, hanging hooks, flying bars, ground stacking bars, and others.





Excellent Visual Performance

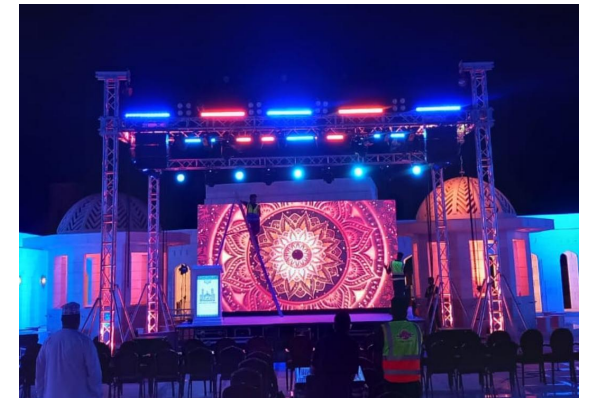
With advanced static image and dynamic video enhancement technology, the screen features an impressive true refresh rate of 7680Hz and supports grayscale levels ranging from 16 bits to 22 bits.

Boasting exceptional video performance, it delivers an immersive and dynamic visual experience, captivating viewers with engaging and stunning visuals.

Application Fields

This indoor LED panel is usually be used for:

- Touring;
- Stages;
- Exhibition hall;;
- Sports Events.



CFO Parameters

| Item | P2.9 | P3.9 |
|---------------------------------|---|---|
| Pixel Pitch | 2.976mm | 3.906mm |
| LED Type | SMD1415 | SMD1921 |
| Module Resolution | 168dots x 84dots | 128dots x 64dots |
| Module Pixels | 14,112dots | 8,192dots |
| Module Size | 500mm × 250mm | 500mm × 250mm |
| Cabinet Size | 500mm × 500mm | 500mm × 500mm |
| Cabinet Resolution | 168dots x168dots | 128dots x128dots |
| Pixel Density | 112,896dots/m ² | 65,536dots/m ² |
| Minimum Viewing Distance | ≥2.9 m | ≥3.9 m |
| Brightness | 4,500nits (White LED) | 5,500nits (White LED) |
| Brightness - Outdoor Black LEDs | 3,000 - 3,500nits (Black LED) | 3,000 - 3,500nits (Black LED) |
| IP Grade | IP65 (F) / IP54 (R) | IP65 (F) / IP54 (R) |
| Refresh Rate | 3,840 - 7,680Hz | 3,840 - 7,680Hz |
| Color Tempareture | 9,000K ± 500K | 9,000K ± 500K |
| Gray Scale | ≤16 - 22 bits | ≤16 - 22 bits |
| Viewing Angle | H:160° / V:160° | H:160° / V:160° |
| Maximum Power Consumption | 760W/m ² | 760W/m ² |
| Average Power Consumption | 240W/m ² | 240W/m ² |
| Input Voltage | AC110V~AC220V @ 50Hz / 60Hz | AC110V~AC220V @ 50Hz / 60Hz |
| Operating Temperature | - 20℃~50℃ | - 20℃~50℃ |
| Operating Humidity | 10%~90% | 10%~90% |
| Cabinet Material | Die-casting Aluminum + Carbon Fiber | Die-casting Aluminum + Carbon Fiber |
| Cabinet Weight | 5.6kg/panel | 5.6kg/panel |
| Operating System | Windows | Windows |
| Signal Source Compatibility | DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc. | DVI, HDMI1.3, DP1.2, SDI, HDMI2.0, etc. |