

# CFI Series

Indoor Carbon Fiber LED Panel for Rental-P1.9, P2.6



Carbon Fiber Structure



Super Light Weight



Better Flatness



Super Thin



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 4.8kg, 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.

## Better Flatness & Super Thin

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 60mm, 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.

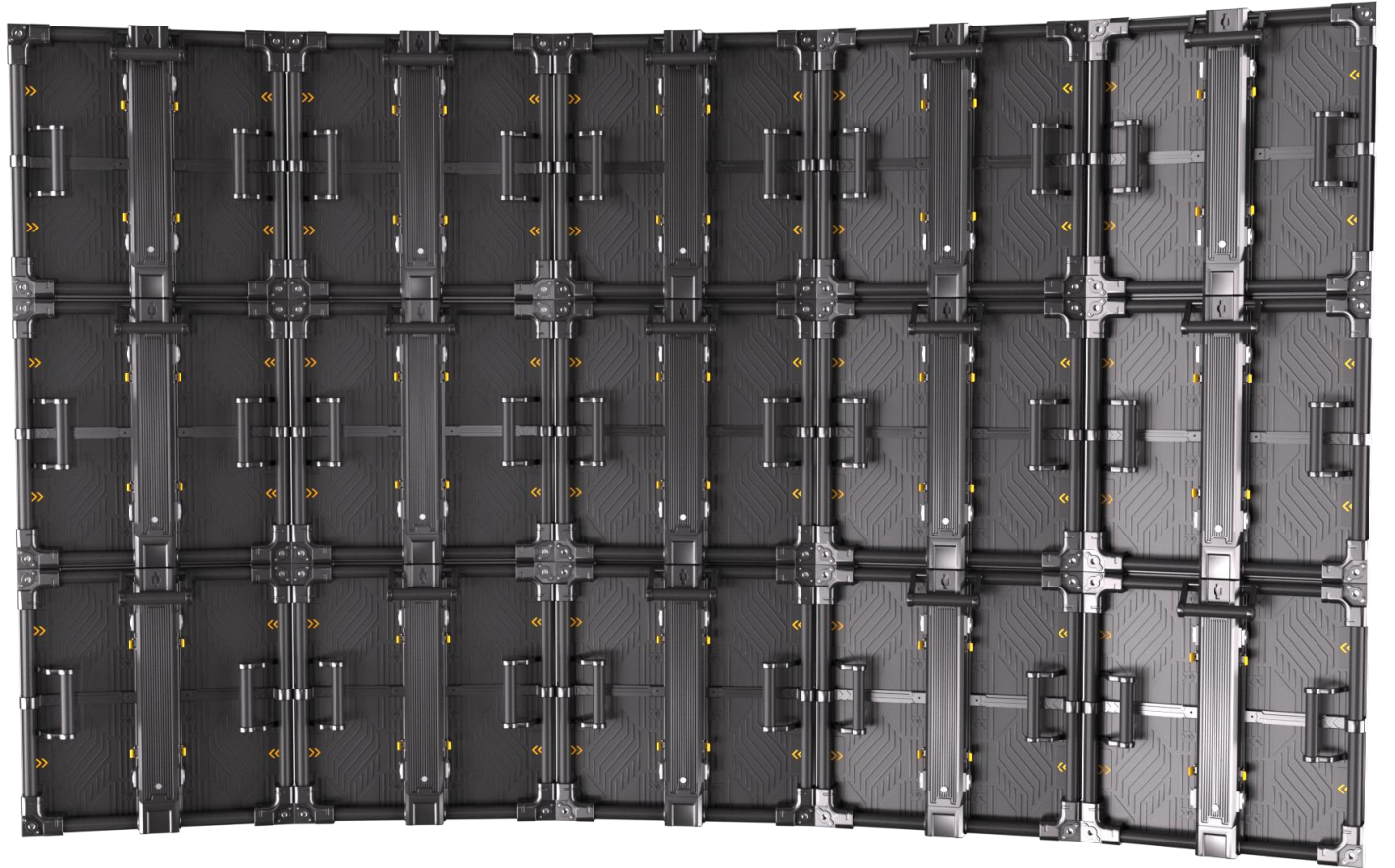




## Rapid Install & Teardown

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 and 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.





## CFI Parameters

Item	P1.9	P2.6
Pixel Pitch	1.953mm	2.604mm
LED Type	SMD1515	SMD2020
Module Resolution	256dots x 128dots	192dots x 96dots
Module Pixels	32,768dots	18,432dots
Module Size	500mm × 250mm	500mm × 250mm
Cabinet Size	500mm × 500mm	500mm × 500mm
Cabinet Resolution	256dots x256dots	192dots x192dots
Pixel Density	262,144dots/m <sup>2</sup>	147,456dots/m <sup>2</sup>
Minimum Viewing Distance	≥1.9 m	≥2.6 m
Brightness	800nits	1200nits
IP Grade	IP21	IP21
Refresh Rate	3,840 - 7,680Hz	3,840 - 7,680Hz
Color Tempareture	6,500K ± 500K	6,500K ± 500K
Gray Scale	≤16 - 22 bits	≤16 - 22 bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	500W/m <sup>2</sup>	500W/m <sup>2</sup>
Average Power Consumption	200W/m <sup>2</sup>	200W/m <sup>2</sup>
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	4.8kg/panel	4.8kg/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.