

FX Series

Indoor Flexible Rental LED Display P1.9, P2.6, P2.9
Outdoor Flexible Rental LED display P2.9, P3.9



Flexible Cabinet Design



Light Weight



Seamless Connection



Excellent Performance



3840Hz~7680Hz



Large Viewing Angle



High Brightness



Easy Maintenance

Cabinet Design

Flexible rental LED displays are specifically designed to accommodate a wide range of applications. These displays feature a modular design that allows for easy connection and configuration into various sizes and shapes, including arcs (both inner and outer), cylindrical forms, or irregular configurations. They represent the optimal choice for diverse stage settings today. Our FX Series display offers unparalleled flexibility, enabling seamless convex and concave curves without any flat sections. This makes it ideal for creating dynamic and visually striking presentations.



Flexible Feature

A flexible LED display, characterized by its ability to bend and curve, represents a cutting-edge display technology designed to adapt to various shapes and surfaces. This versatility enables the creation of unique and visually striking installations.

Flexible LED displays are available in two distinct configurations: convex and concave. A circular shape can be achieved with as few as four cabinets.

The FX LED panel design is also compatible with traditional rental panel setups. Both conventional rental design LED panels and FX series LED panels can be connected simultaneously to form a large screen, thereby optimizing overall costs.

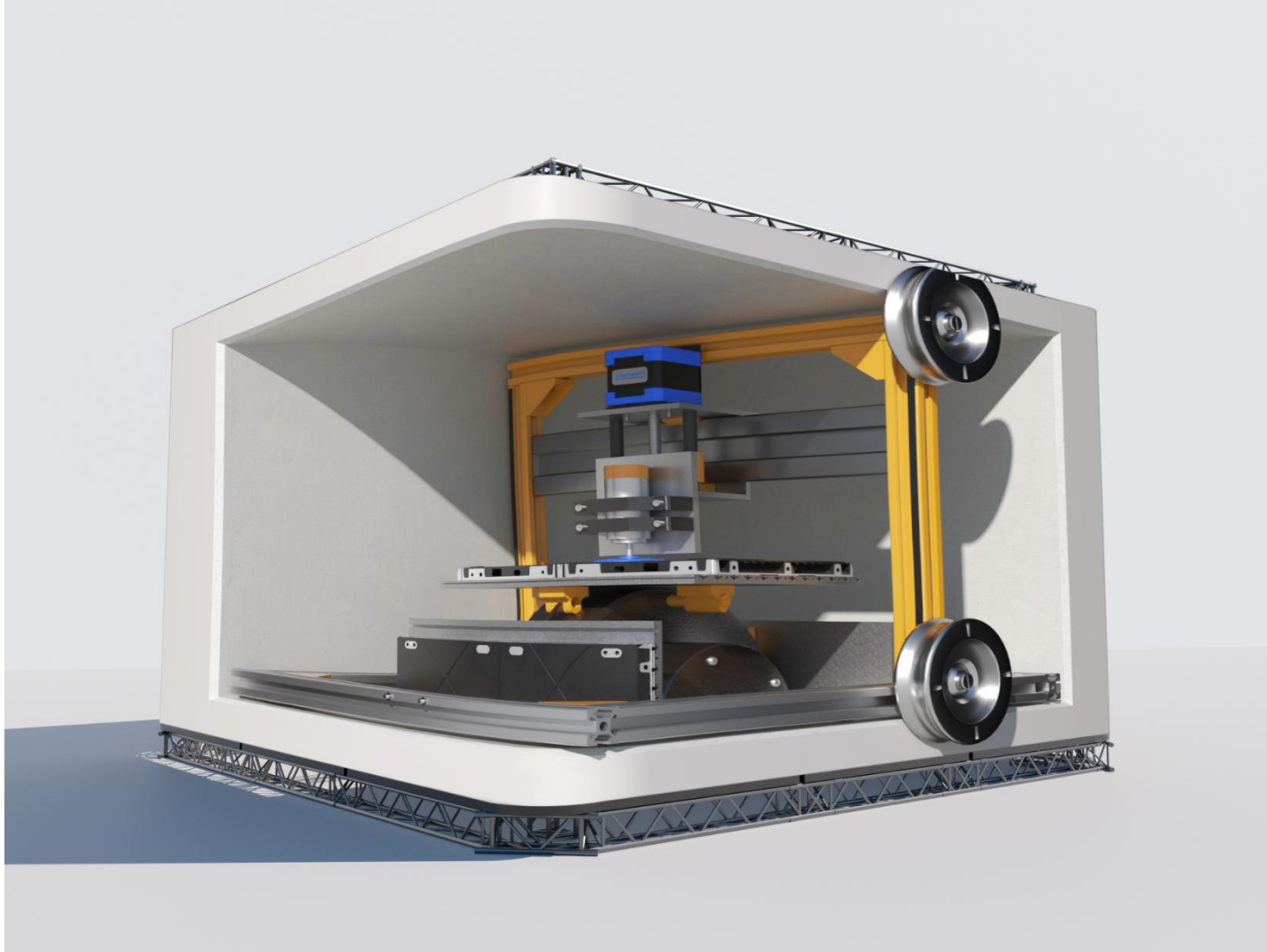




Outdoor Flexible curved

Our FX is suitable for outdoor rentals. The case is entirely waterproof, and the brightness can reach 4500 nits or higher.

Outdoor pixel pitch is P2.9 and P3.9



3D Design

Our LED display is capable of showcasing the effects of an outdoor and indoor naked-eye 3D screen with exceptional clarity.

High Refresh Rate 3840Hz to 7680Hz

The high refresh rate ensures the smoothness of each frame displayed on the screen and effectively prevents flickering in LED displays when captured by high-frequency cameras. Furthermore, it guarantees image stability without any flicker or blurring caused by rapid image transitions, thereby enhancing overall image quality.





Excellent visual effect

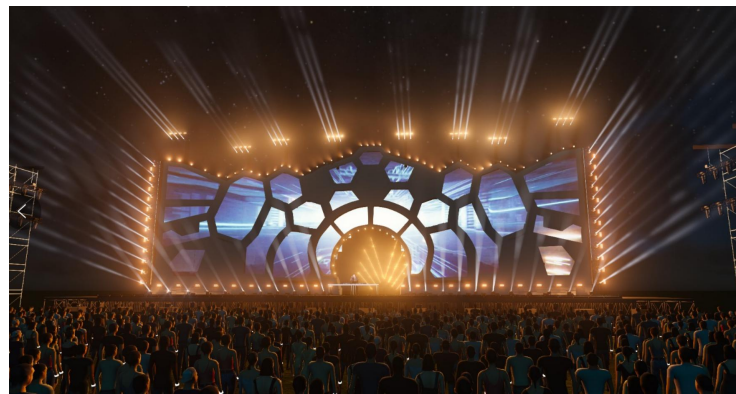
With its outstanding video performance, it delivers an immersive and dynamic visual experience that captivates viewers.

The remarkable smoothness of the LED screen's surface provides a tactile sensation reminiscent of advanced future technology. No matter the viewing angle, one can fully appreciate its stunning visual effects.

Application Fields

This indoor LED panel is usually be used for:

- Activity;
- Stages;
- Exhibition hall;
- XR virtual shooting;
- Sports Events.



FX Series Parameters

Item	P1.9	P2.6	P2.9	P2.9	P3.9
Pixel Pitch	1.953mm	2.604mm	2.976mm	2.976mm	3.906mm
LED Type	SMD1515	SMD1515	SMD2020	SMD1921	SMD1921
Module Resolution	128dots × 128dots	96dots × 96dots	84dots × 84dots	84dots × 84dots	64dots × 64dots
Driving Mode	1/32scan	1/32scan	1/28scan	1/21scan	1/16scan / 1/8scan
Module Pixels	16,384dots	9,216dots	7,056dots	7,056dots	4,096dots
Module Size	250mm × 250mm	250mm × 250mm	250mm × 250mm	250mm × 250mm	250mm × 250mm
Cabinet Size	500mm × 500mm	500mm × 500mm	500mm × 500mm	500mm × 500mm	500mm × 500mm
Minimum Diameter of the Circular Arc	1.27m	1.27m	1.27m	1.59m	1.59m
Cabinet Resolution	256dots × 256dots	192dots × 192dots	168dots × 168dots	168dots × 168dots	128dots × 128dots
Pixel Density	262,144dots/m²	147,456dots/m²	112,896dots/m²	112,896dots/m²	65,536dots/m²
Minimum Viewing Distance	≥1.9 m	≥2.6 m	≥2.9 m	≥2.9 m	≥3.9m
Brightness	800nits~1,200nits	800nits~1,200nits	800nits~1,200nits	3000nits (black led) 4500nits(white led)	3000nits - 4000nits (black led) 4500nits - 5500nits (white led)
90-Degree for Naked Eye 3D Effect	Yes	Yes	Yes	Yes	Yes
IP Grade	IP43	IP43	IP43	IP65	IP65
Refresh Rate	3,840Hz - 7680Hz	3,840Hz - 7680Hz	3,840Hz - 7680Hz	3,840Hz - 7680Hz	3,840Hz - 7680Hz
Gray Scale	14bits~24bits	14bits~24bits	14bits~24bits	14bits~24bits	14bits~24bits
Viewing Angle	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°	H:160° / V:160°
Maximum Power Consumption	560W/m²	560W/m²	560W/m²	720W/m²	720W/m²
Average Power Consumption	160W/m²	160W/m²	160W/m²	206W/m²	206W/m²
Input Voltage	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz	AC110V~AC220V @ 50Hz / 60Hz
Operating Temperature	- 20℃~65℃	- 20℃~65℃	- 20℃~65℃	- 20℃~65℃	- 20℃~65℃
Operating Humidity	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
Cabinet Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
Cabinet Weight	6.5kg/panel	6.5kg/panel	6.5kg/panel	7.5kg/panel	7.5kg/panel
Operating System	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)	Windows (Win7, Win8, etc.)
Signal Source Compatibility	DVI, HDM, SDI, DP	DVI, HDM, SDI, DP	DVI, HDM, SDI, DP	DVI, HDM, SDI, DP	DVI, HDM, SDI, DP