

ShenZhen Huake Light Electronics Co., Ltd.

深圳市华科莱特电子有限公司

PRODUCT SPECIFICATION

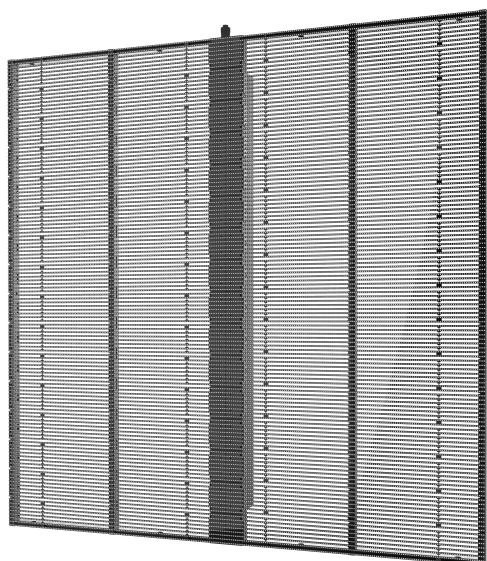
aClear Transparent Display (Front emitting)

YF: P3.91~P20

Version NO: V3

Release Date: 2020-05-19





Production Introduction :

The LED positive light-emitting box screen adopts a modular design, which has the characteristics of transparent display, fast installation, energy saving and environmental protection; it can be installed by hoisting and vertical installation. There are several standard sizes of 1000x1000mm, 1000x500mm, 500x500mm.

Widely used in glass curtain walls, large shopping malls, floor-to-ceiling windows, TV shows, large-scale entertainment programs and other scenes.

Technical Features

The LED side-emitting transparent screen adopts "LED transparent screen special lamp beads" (Figure 1-01). When the screen is working, the lamp beads emit light on the front of the screen (Figure 1-02). Just like the name is positive light. The box structure is 6063 aluminum alloy treated with anodizing process (Figure 1-03)



Fig 1-01



Fig 1-03

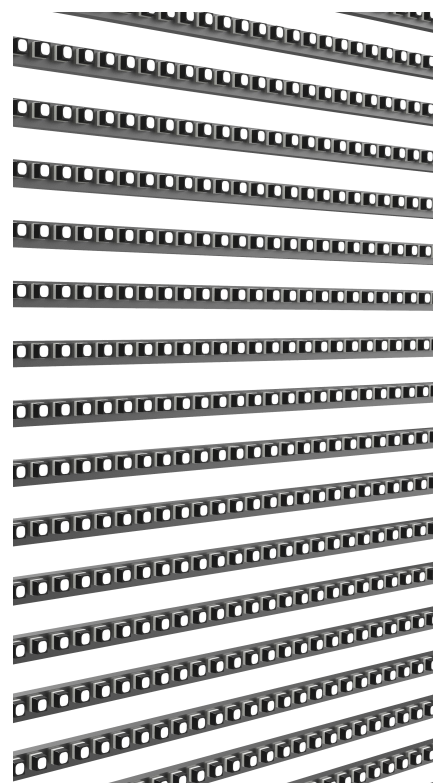
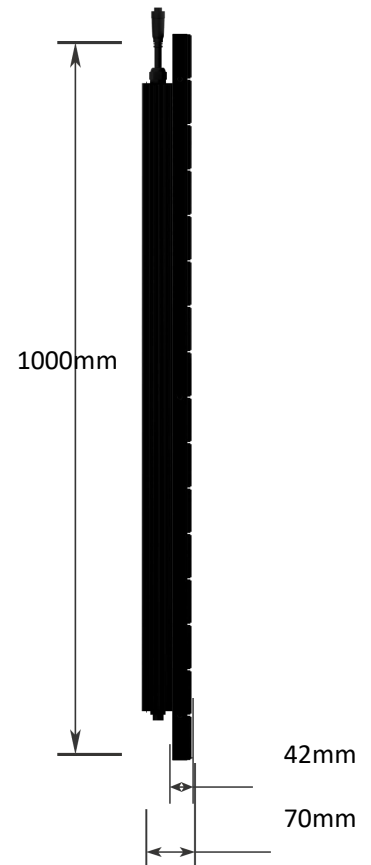
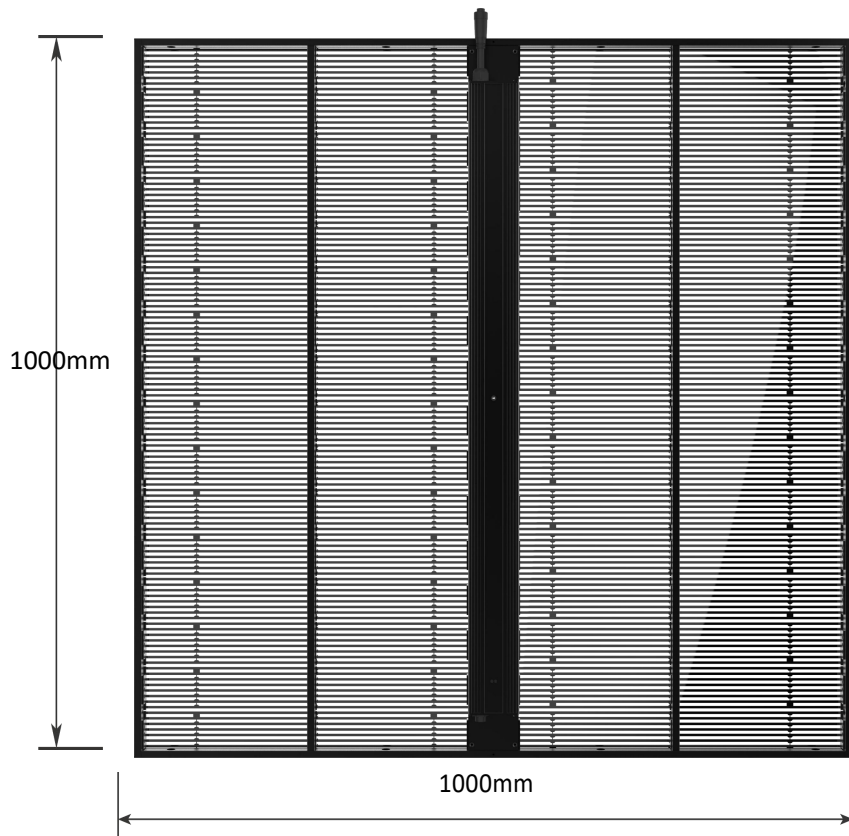
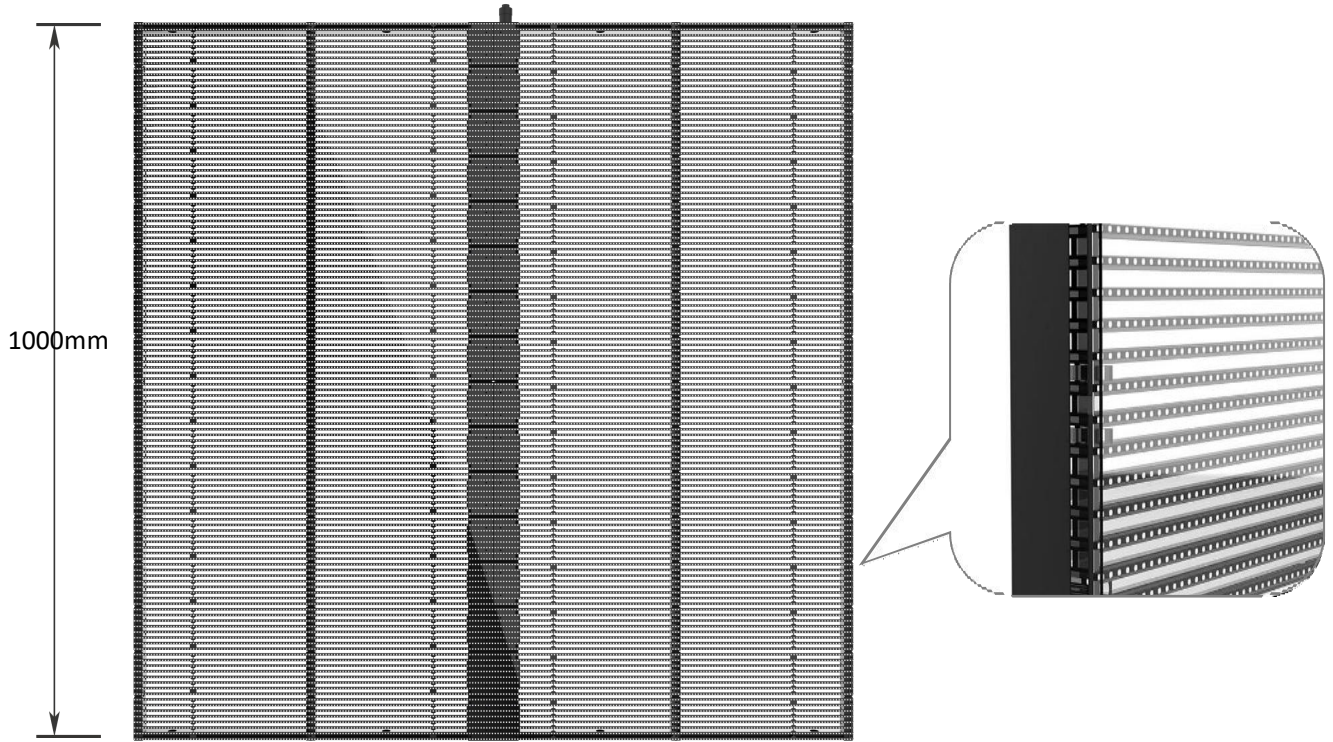


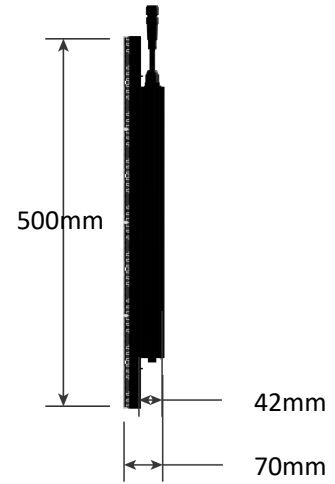
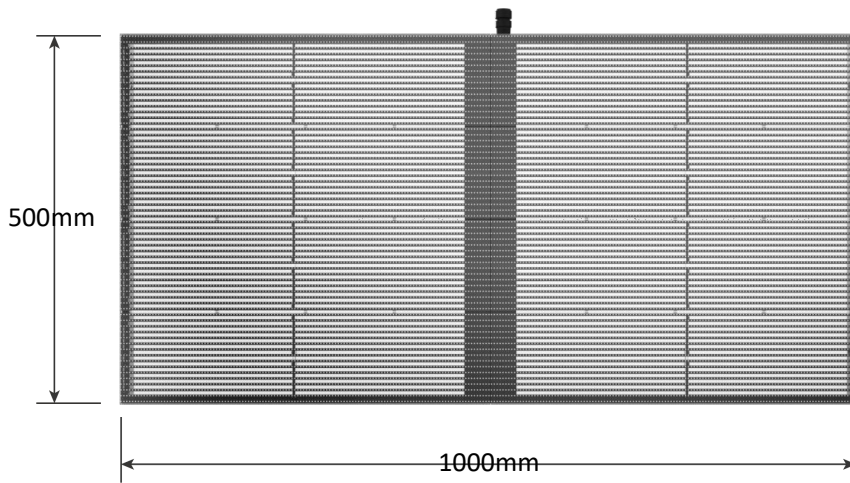
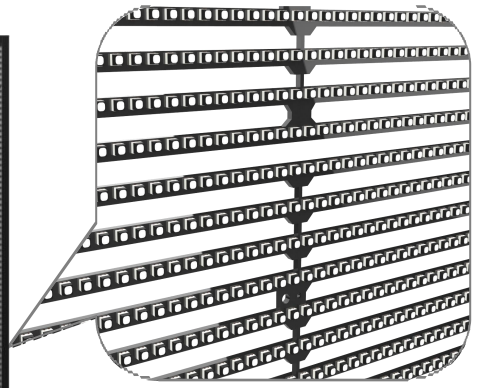
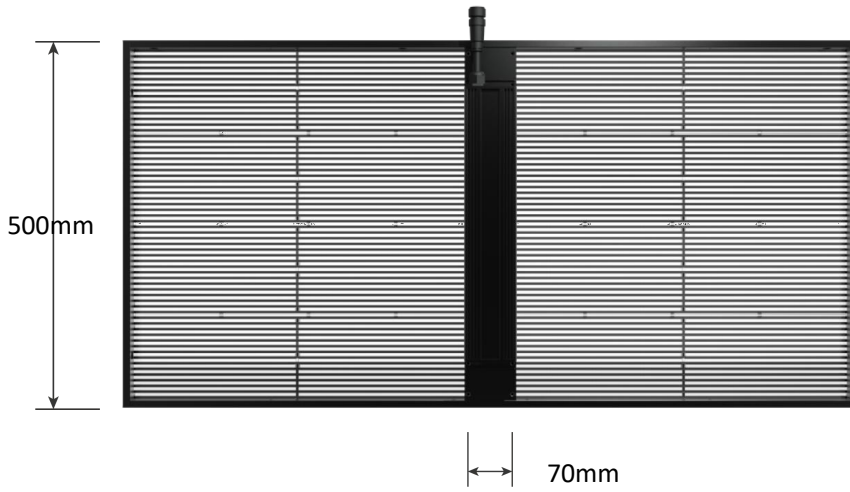
Fig 1-02

Product Drawing

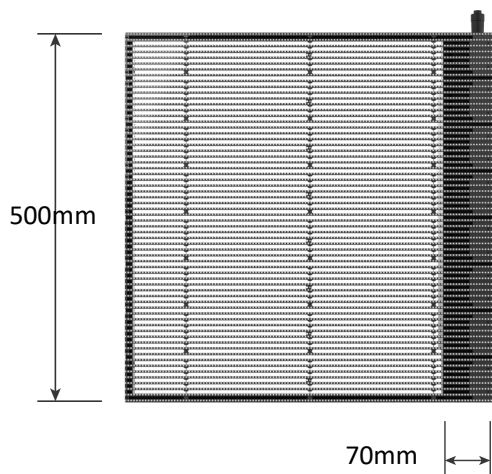
Unit Size: 1000x1000mm



Unit Size 1000x500mm

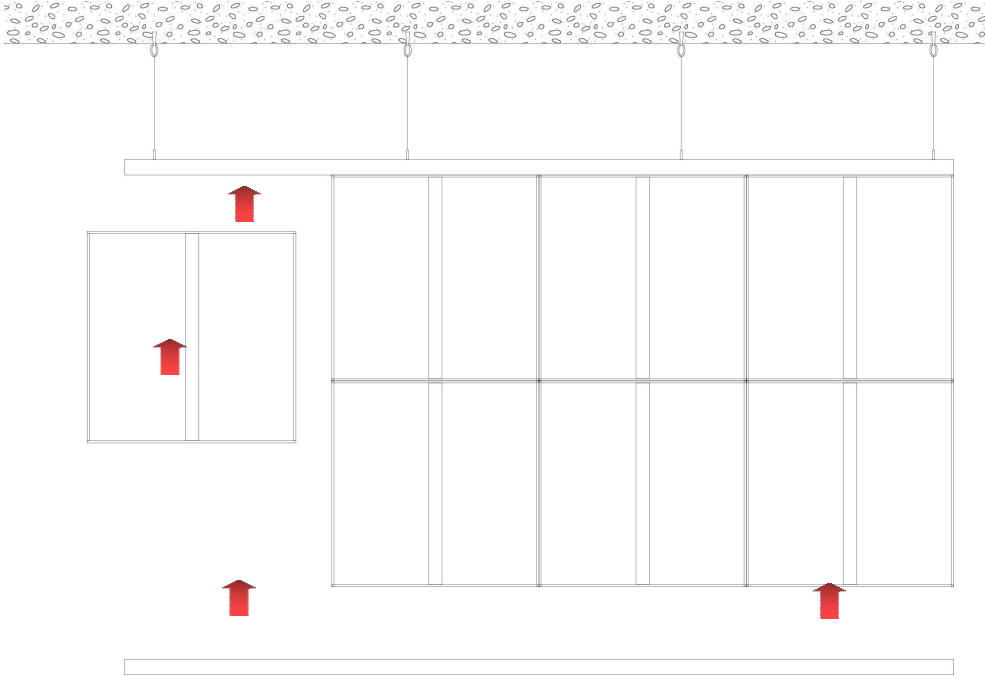


Unit Size: 500x500mm

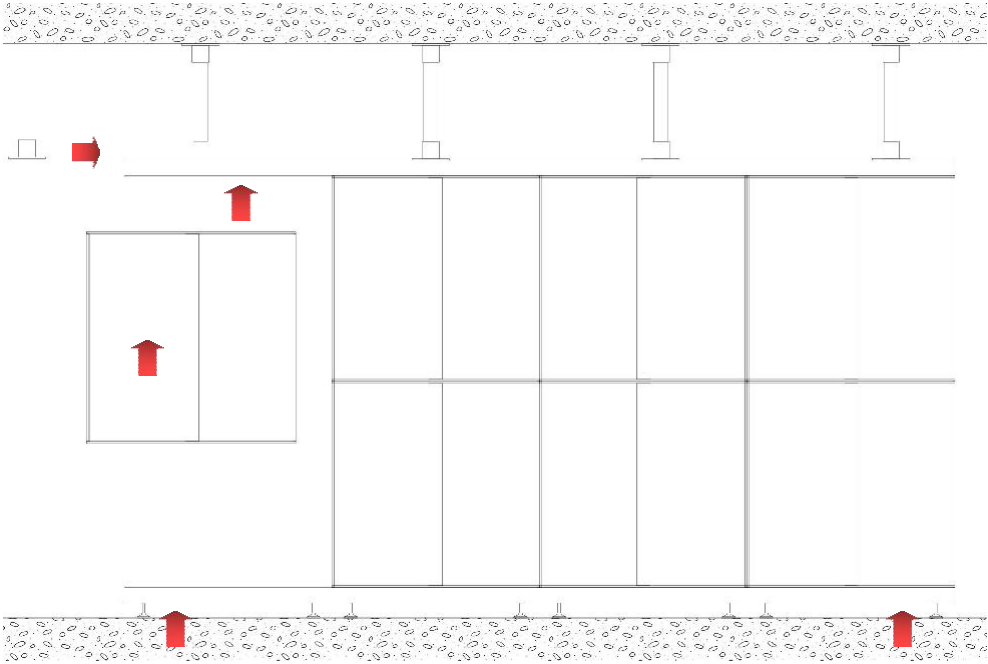


Multiple Units Splicing

▼ Hanging with Rod



▼ Installed with floor and Ceiling Support



Products Parameters

Model	YF2.84	YF3.91	YF7.81	YF10.42	YF15.625	YF20
Pixel Pitch	W2.84mm*H6.25mm	W3.91mm*H7.81mm	W7.81mm*H7.81mm	W10.42mm*H10.42mm	W15.625mm*H15.625mm	W10mm*H20mm
Optimum Viewing Distance	3M-10M	4M-12M	8M-24M	10M-30M	15M-45M	20M-60M
Transparent Rate	0.56	0.7	0.56	0.65	0.75	0.85
Pixel Intensity/m ²	56320	32768	16384	9216	4096	2304
Max Power Consumption/m ²	800W	800W	800W	700W	600W	500W
Avg. Power Consumption/m ²	240W	240W	240W	200W	180W	150W
Unit Dimension	W1000mm*H500mm*D40mm					
Unit Resolution	352*80	256*64	128*64	96*48	64*32	48*24
Scanning	2	7	4	2	2	静态
Unit Weight	5kg	5kg	6kg	6kg	6kg	6kg
Brightness	≥2700CD/m ²	≥4500CD/m ²	≥4000CD/m ²	≥4000CD/m ²	≥4000CD/m ²	≥4000CD/m ²
LED Model	1415 RGB	1921 RGB	1921 RGB	1921 RGB	3535 RGB	3535 RGB
Refresh Rate	≥3851Hz	≥3840Hz	≥1920Hz	≥1920Hz	≥1920Hz	≥1920Hz
Protection Grade	IP41	IP30	IP30	IP30	IP30	IP30
Gray	27bit	16bit	16bit	16bit	16bit	16bit
Dimming	267	256	256	256	256	256
Material	Aluminum Frame+LED Strip					
Driving IC	ICN/MBI/ Equal					
Controlling System	Novastar /Mooncell					
Display Interface	DIV/HDMI					
Working VOLTage	220±5% / 110±5% →DC5V					
Input Voltage	AC100~240V 50Hz					
Working Temp.	- 10°C~40°C					
Installation	Hanging or fixing					
Warranty	24 months					
LED Lifespan	100,000 Hours					

