



ES3 Pro Series

High performance outdoor LED display screen

Outdoor 1000 * 1000 Aluminum
module chassis cabinet

P2. 97 / P3. 91 / P4.81
P6. 25 / P7.81 / P10.42



Ultra Power Efficient

Common cathode energy-saving circuit design, independent private model, power consumption saving more than 50% compared to traditional outdoor screens, Aluminum bottom shell, good heat dissipation

Express setup

One cabinet is 1 m², with wiring connections and quick locking of the box, making installation convenient and fast

Ultra Bright

Outdoor surface sticker high brightness product, light error $\leq 5\%$, still as good as new after 5 years

Hardwired

Adopting a hard connection design, there is no need for wiring, the wiring method is more aesthetically pleasing, the installation is convenient and fast, and more stable

Ultra lightweight

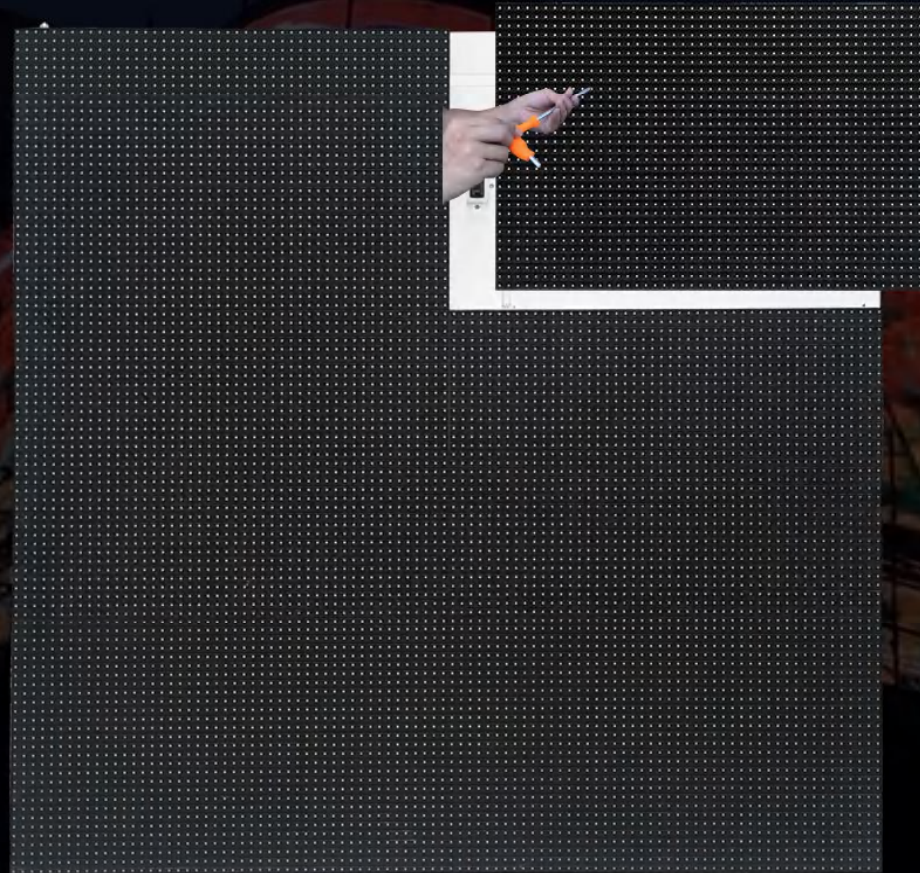
Lightweight and lightweight, the aluminum box weighs 24kg/m² and has a thickness of only 71mm. It supports full front or rear maintenance, saving installation space

Wireless Design

There is a hidden wire box at the bottom of the box, and there is no wire connection when viewed from the back of the box, which is beautiful and elegant

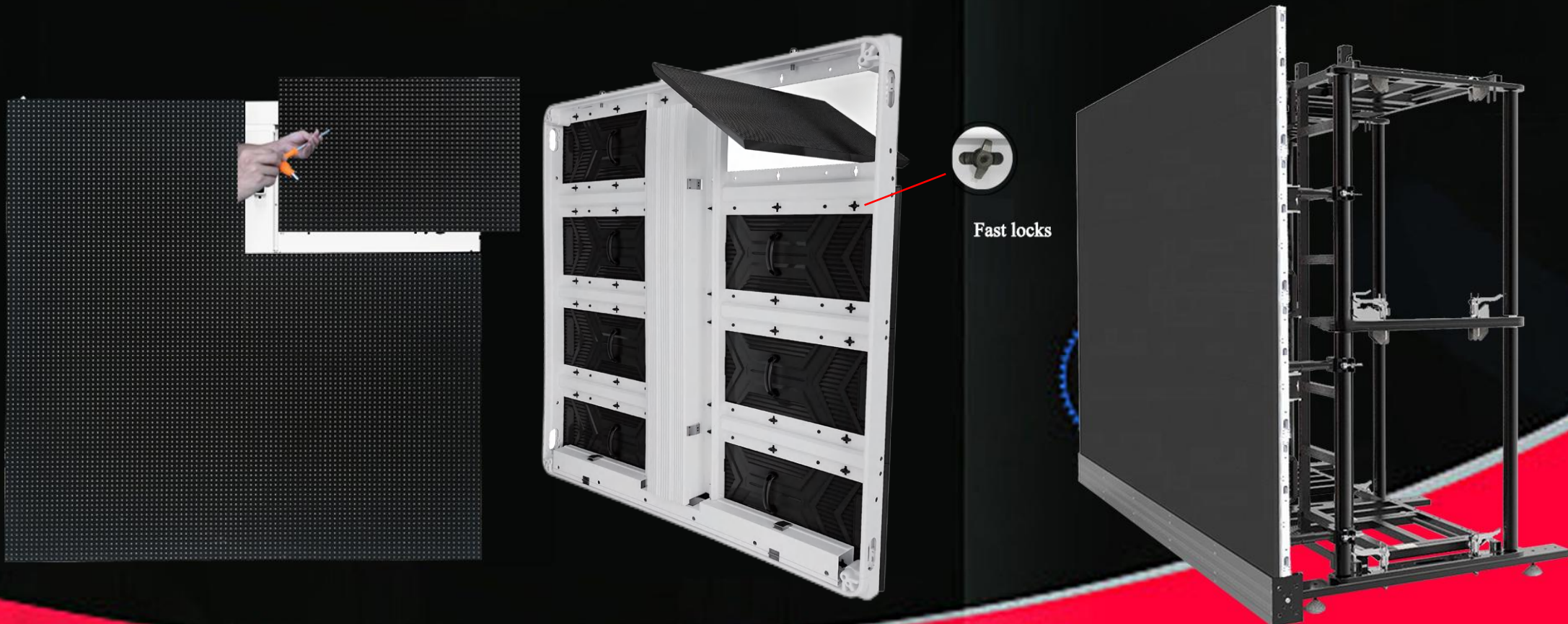
Saving

The edge of the screen can be chosen without wrapping, saving costs, with strong thermal conductivity, no need to install air conditioning, and an average power consumption of 200W/m²



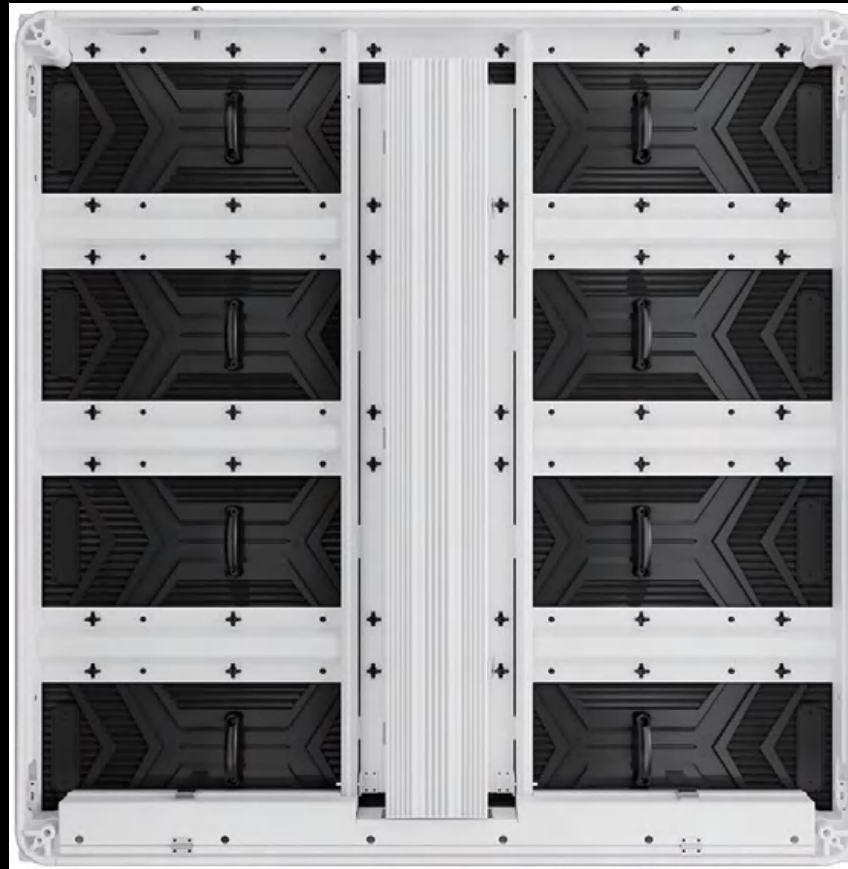
Front/Back maintenance

The internal hexagonal wrench can be used to quickly assemble, disassemble, and maintain the module from the front. Simple lock design, easy front and back maintenance, four locks in one module, only 8s installation, save time and labor cost. The integrated HUB and aircraft patch cords simplify maintenance and installation costs, while modular design further improves maintenance cost-effectiveness.



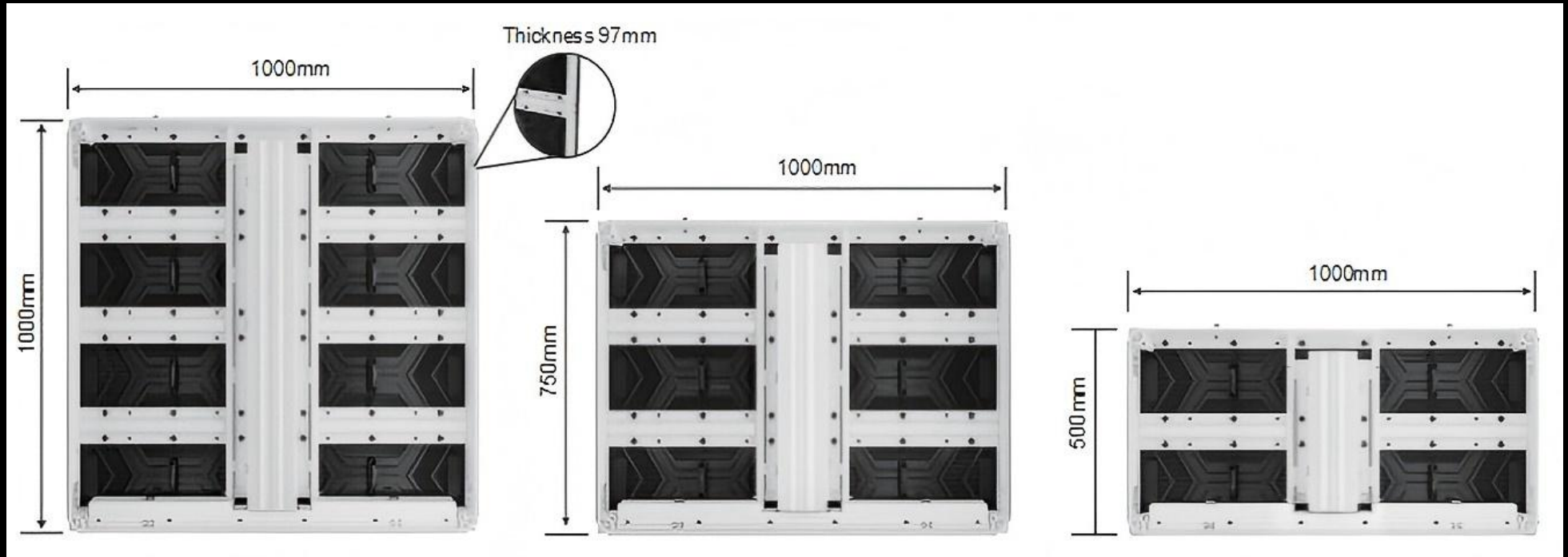
High Brightness and High Contrast

The private model series adopts customized HUB, box, wire, light beads, etc., with a brightness of over 5000nits/m² and high contrast, bringing users a better visual feast.



Multiple size options

Cabinet Size : 1000mm*1000mm*97mm ;1000mm*750mm*97mm ;1000mm*500mm*97mm

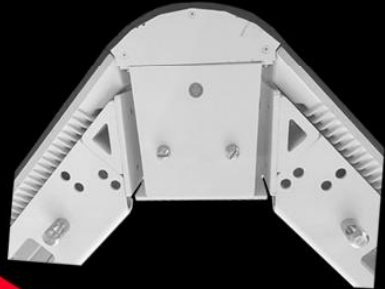


Arc splicing

The private model series box can be designed as a slanted or curved box, with angles ranging from -10° to $+10^{\circ}$. With a quick lock, it can be quickly assembled into curved screens, four sided pillar screens, and other different shapes of screens



90°screen



Curved Corner design



Hot swapping · wireless connection



Positioning glass bead
installation more stable

Handle

Fast lock

Aluminum frame

Installation mode



Hanging



Mosaic



Wall mounting



Suspension type



SPAR



Floor type

Parameters

Pixel Pitch	P2. 97	P3. 91	P4. 81	P6. 25	P7. 81	P10. 42
SMD Type	SMD1415	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727
Physical Density (dots/m²)	112896	65536	43264	25600	16384	9216
Module Resolution (dots)	168X84	128X64	104X52	80X40	64X32	48X24
Module Size (mm)	500X250	500X250	500X250	500X250	500X250	500X250
Cabinet Dimension (W xH/mm)	1000mm x 1000mm x 72mm (Customizable for 500/750 height)					
Cabinet Resolution (dots)	336X336	256X256	208X208	160X160	128X128	96X96
Module quantity (W xH)	2X4	2X4	2X4	2X4	2X4	2X4
Cabinet Weight (kg)	25	25	25	25	25	25
Maintenance Mode	Front & Rear	Front & Rear	Front & Rear	Front & Rear	Front & Rear	Front & Rear
Cabinet material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Brightness (Nits)	4500-10000	6000-10000	6000-10000	6000-12000	6000-12000	6000-12000
Color temperature (K)	5000-12000 Optional	5000-12000 Optional	5000-12000 Optional	5000-12000 Optional	5000-12000 Optional	5000-12000 Optional
Viewing Angle (H/V)	140° /160°	140° /160°	140° /160°	140° /160°	140° /160°	140° /160°
Best viewing distance	3-100m	4-100m	4-100m	6-150m	8-150m	10-200m
Contrast Ratio	10000 : 1	10000 : 1	10000 : 1	10000 : 1	10000 : 1	10000 : 1
Frame -changing Frequency (Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Drving Mode	1/21 Scan	1/16 Scan	1/13 Scan	1/8 Scan	1/4 Scan	1/2 Scan
Grey Level	16bit	16bit	16bit	16bit	16bit	16bit
Refresh Rate (Hz)	3840	3840	3840	3840	3840	3840
Max power consumption (W/m²)	800	650	650	650	650	650
Avg power consumption (W/m²)	200-300	100-200	100-200	100-200	100-200	100-200
IP Rating	IP65	IP65	IP65	IP65	IP65	IP65
Power supply requirements	AC90-264V, 47-63Hz					
Working Temp/Humidity (°C/RH)	-20~60°C/10%~85%					
Storage Temp/Humidity (°C/RH)	-20~60°C/10%~85%					
Cert	CCC/CE/RoHS/FCC/CB/TUV/IEC					



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