



ES1 Series

P4.16 / P5 / P6.25 / P8.33 / P10
(800X900, 800X1200)

Delicate structure, Seamless splicing, perfect flatness, fanless cooling system

High precision Aluminum cabinet frame Flatness $\leq 0.015\text{mm}$.

Front side viewing--Matte corrugation module mask To achieve ultra-high contrast.

Support full-front and rear maintenance. Suits for all outdoor applications.

Both front and rear side to achieve IP65.

Electric power saving up to 30%.





ES1 Series

High-end energy-saving LED display



Front side viewing

Matte corrugation module mask
To achieve ultra-high contrast



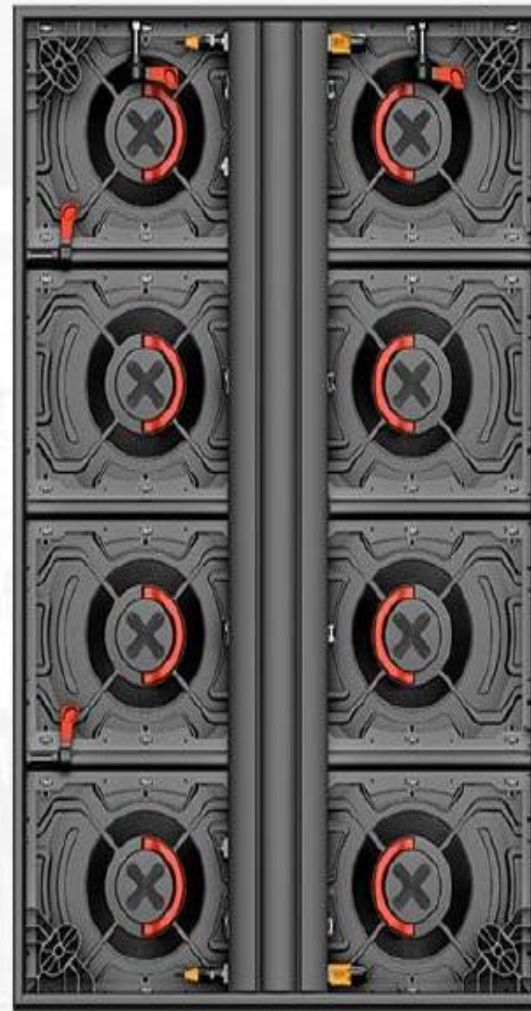


98mm

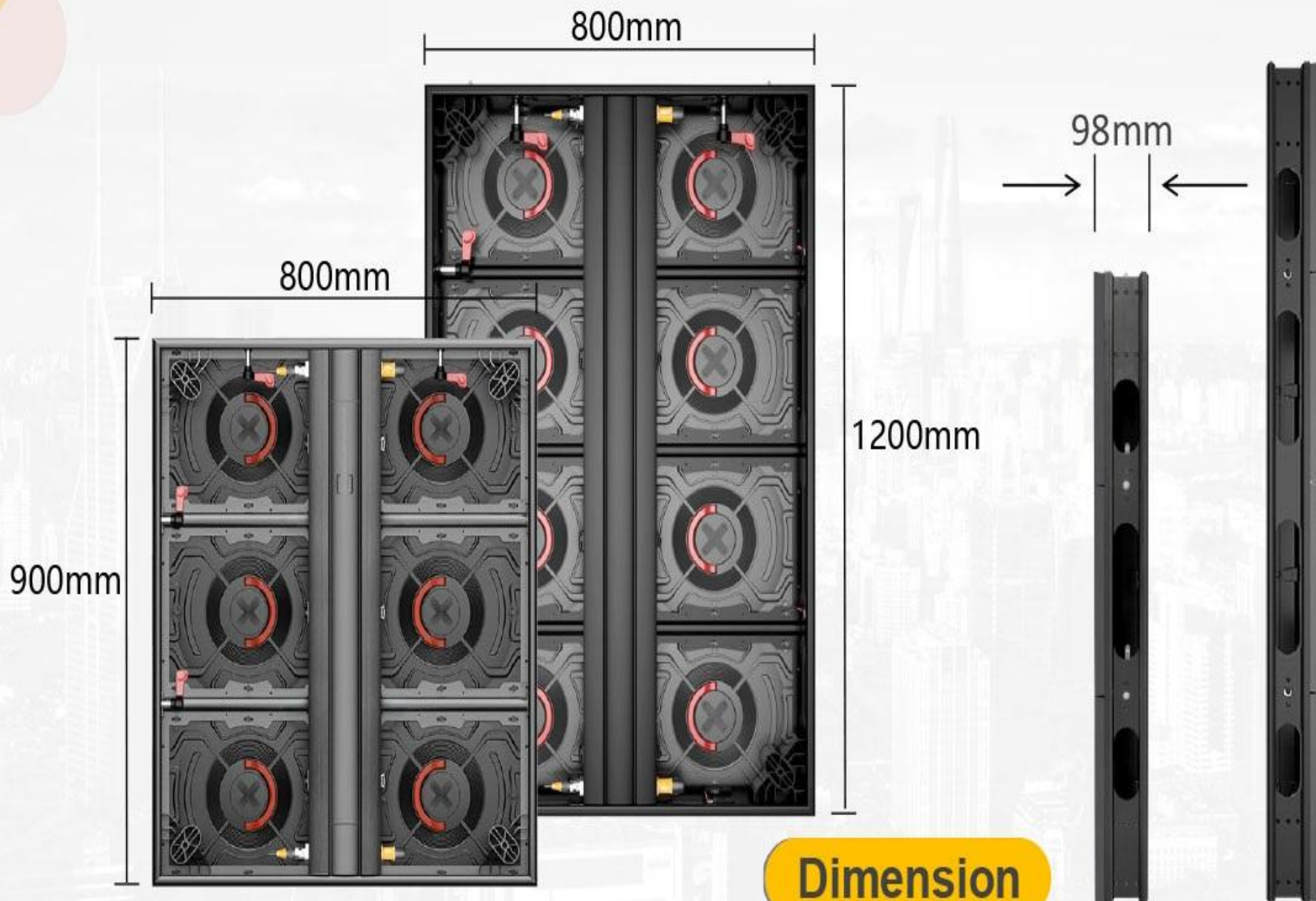


Side view

98mm thick



Ultra thin · Ultra light



ES1 Series



Electric power saving up to

30%

Traditional LED panel



800X900mm	1 panel (w)	1 sqm (w/m ²)
Average power consumption	100-150	200-250
Max power consumption	500-550	720-770

768X768mm	1 panel (w)	1 sqm (w/m ²)
Average power consumption	250-300	350-400
Max power consumption	700-750	1000-1100



800X900 22.4kg



800X1200 28kg

35%

less than
traditional iron cabinet

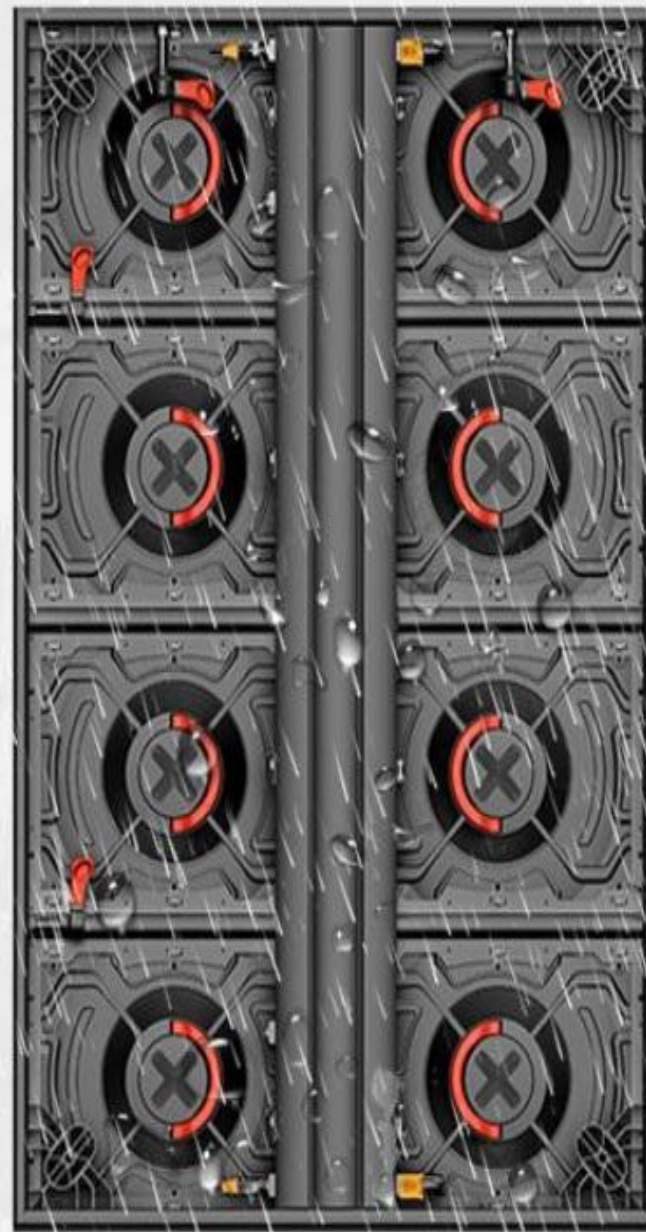


Optional cabinet dimension

High precision Aluminum cabinet frame

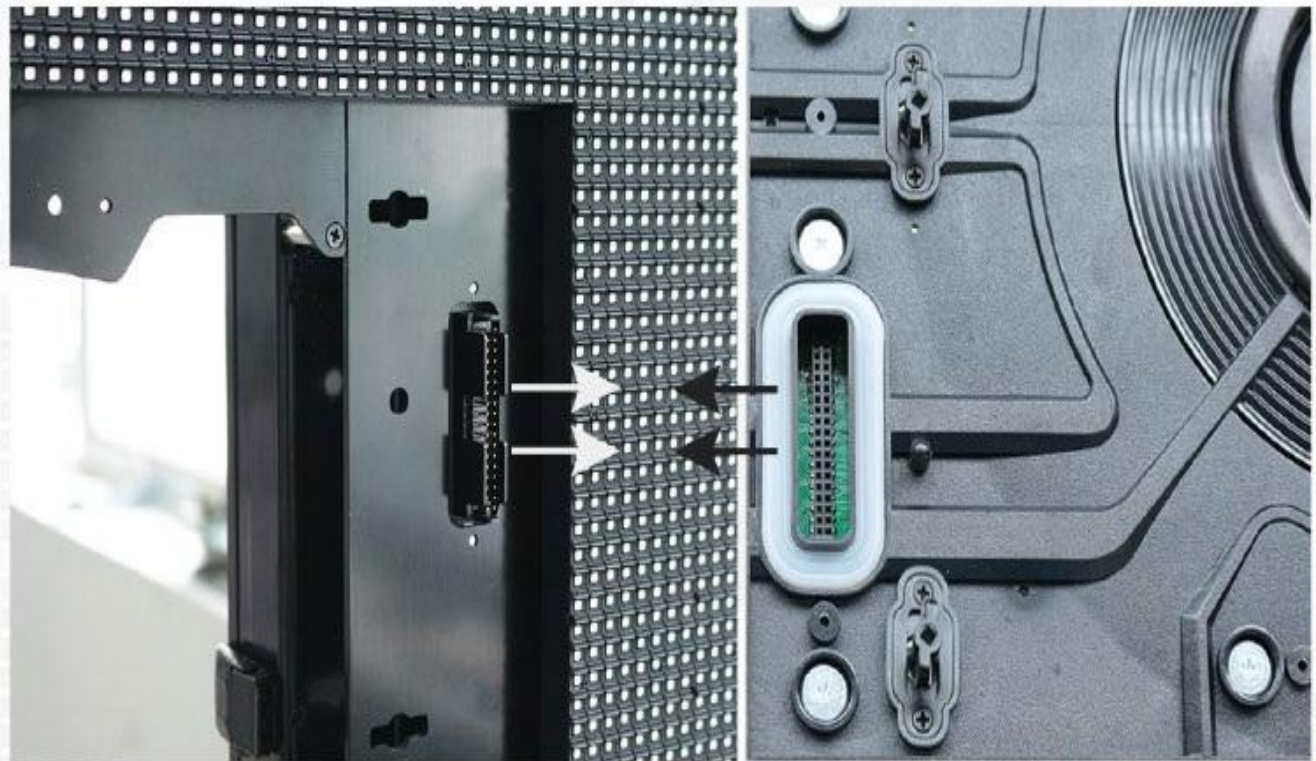


IP65 Waterproof



Hot-swapping

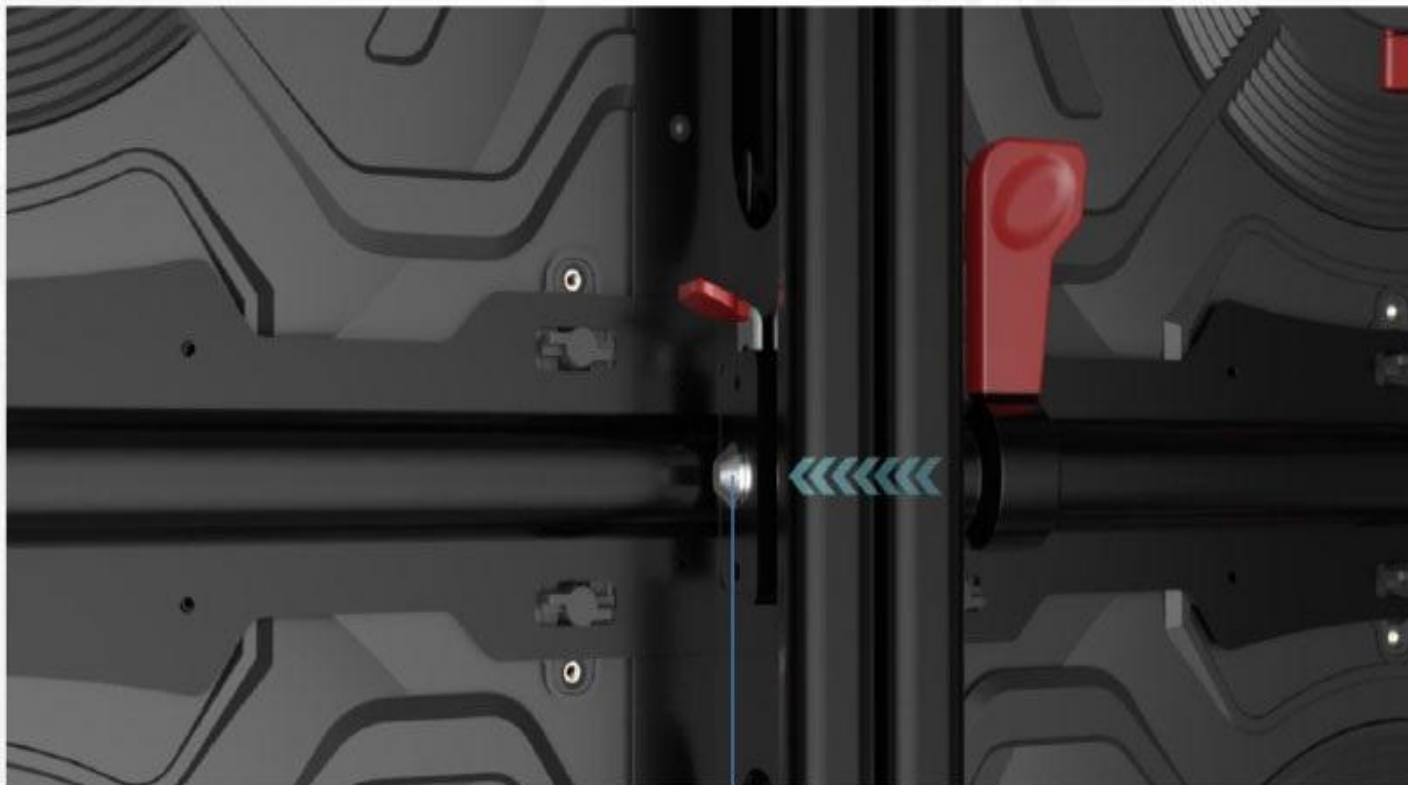
Hard connection supports
full front access



Steel material fast lock system

High precision aluminum alloy cabinet frame

Fast installation · Perfect flatness splicing



Fast lock

Intelligent pixel dot inspection



Monitoring LED display as long as
power connected



5000:1

High contrast ratio



ES1 Series

Soft mask

Adjustment Supporter

Cushion



**Stadium screen /
Perimeter screen**





**Full-front and rear
maintenance**

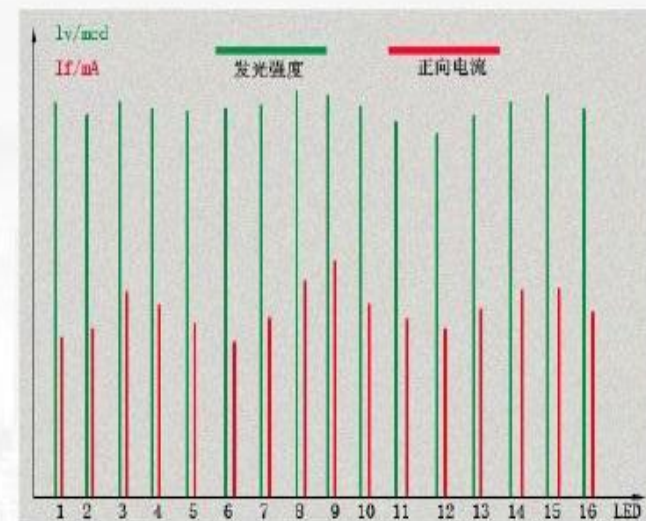
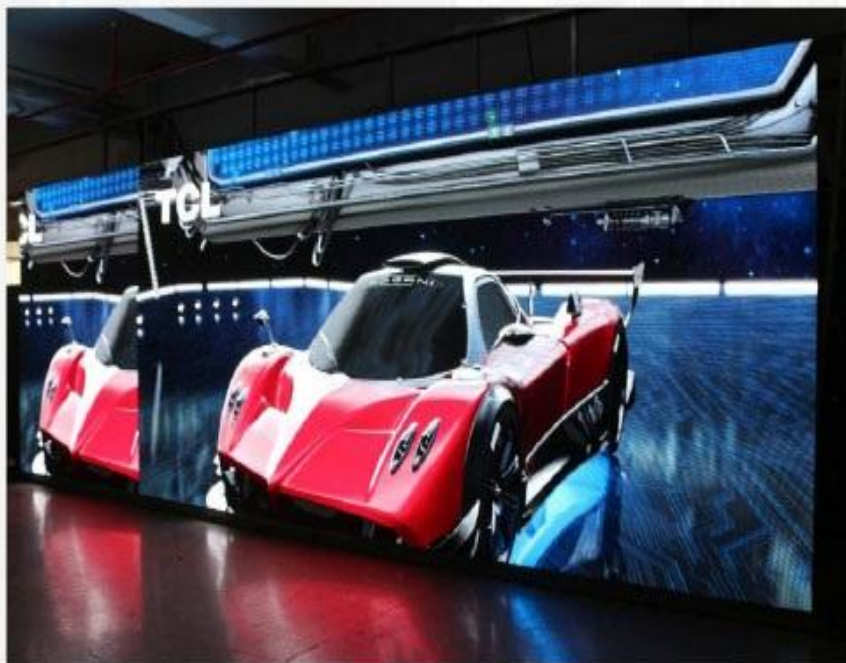
Suits for all outdoor applications



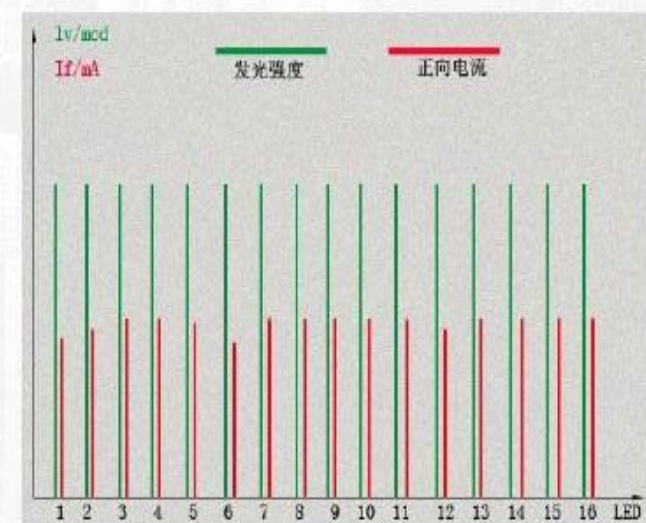
LED CBC technology

Ensure high uniformity of color and brightness of every screen before packing

Remark: CBC technology means color & brightness calibration technology



The current and brightness before calibration



The current and brightness after calibration

Front maintenace guide

Allen key

Use to remove
the moudle



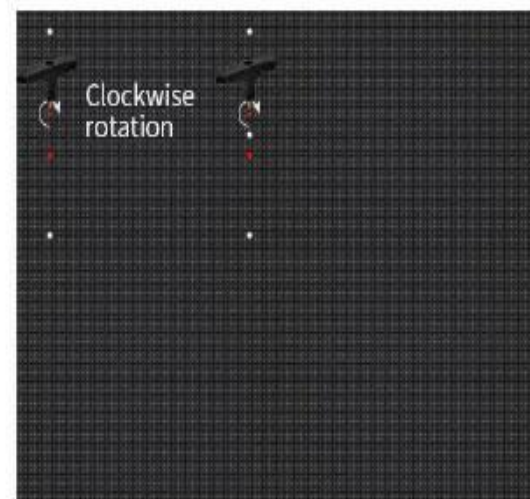
1

Put the allen key into the hole(white dots remarked in picture below, total 5), then twist left side 90° to unlock the lock catch.



2

The red dots in picture below is the holes that the handle suppose to insert, total 4 holes in one module.



Locked



Unlock

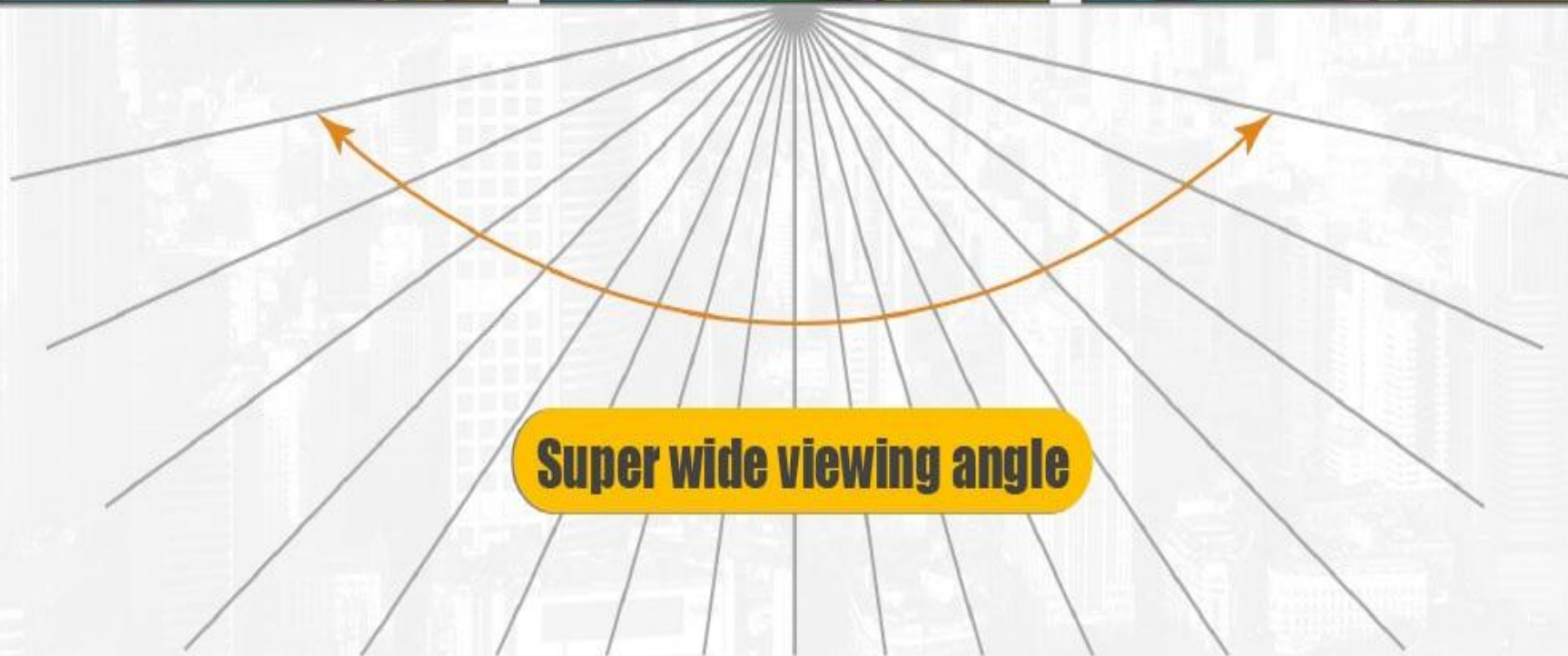


Place the handles to corresponding holes and twist right side to fix it.

Please notice: do not twist it too tight



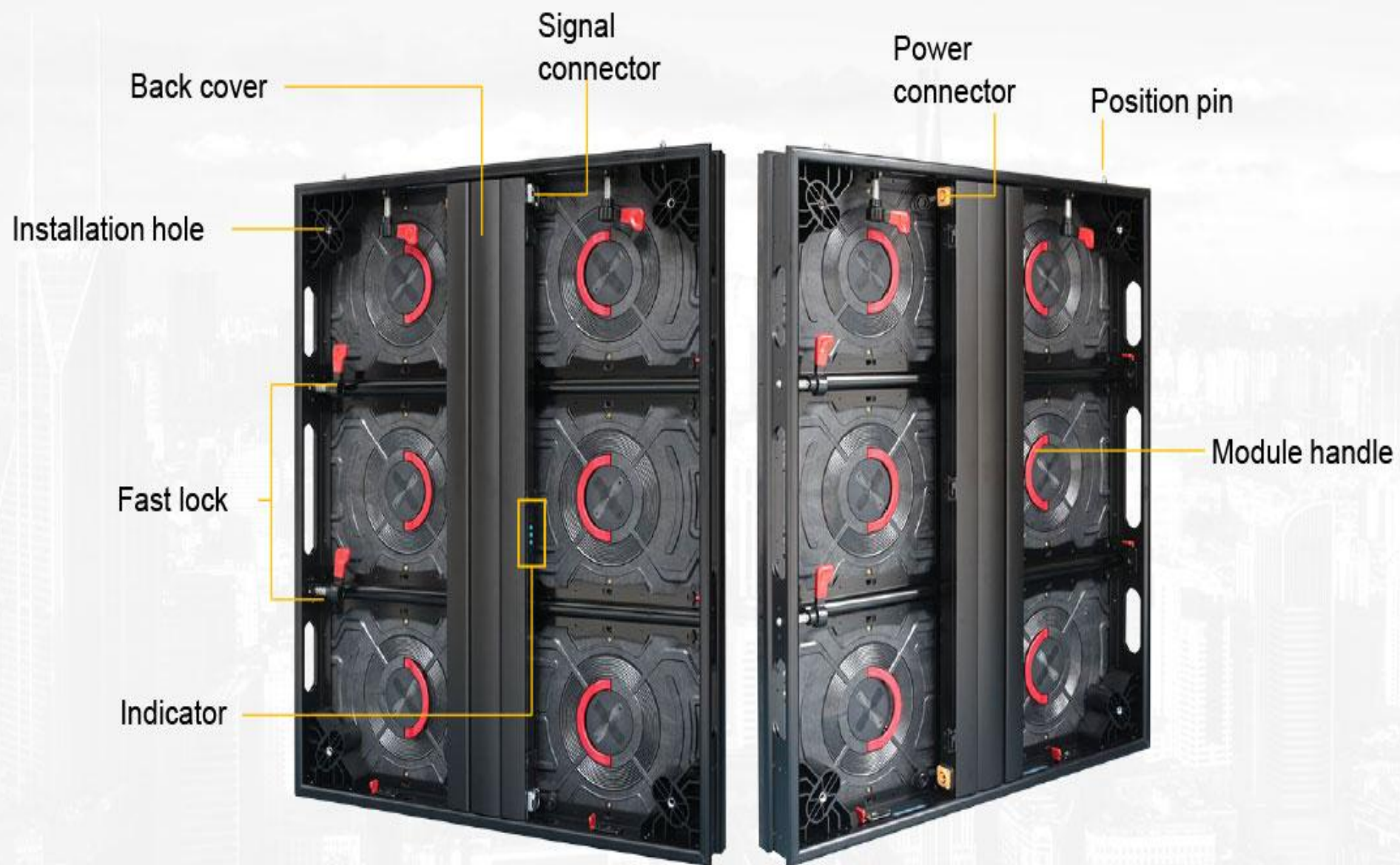
Take out the module



Super wide viewing angle

- **Delicate structure**
- **Seamless splicing**
- **Perfect flatness**







High refresh rate



High refresh rate

Low refresh rate



SMT



Workshop



Aging test



Packing



Package



Packed

800X900 & 800X1200 **ES1 series**

P4.16

P5

P6.25

P8.33

P10

PROFESSIONAL LED MANUFACTURER



Energy
Saving



Front/Back
Service



Intelligent
Inspection



Color
Calibration



IP65
Protection

P4.16

P5

P6.25

P8.33

P10



ES1 Series

High grey scale

Great visual performance and displaying more image details in low brightness



High grey scale



Low grey scale



Real estate center



Airport screen



Perimeter screen



Commercial center



Outdoor Energy Saving Solution

ES1 Series

Pixel Pitch	P3.125	P4.16	P5	P6.25	P8.33	P10
LED Type	SMD1415	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727
Physical Density (dots/m ²)	102400	57600	40000	25600	14400	10000
Module Resolution	128×96	96×72	80×60	64×48	48×36	40×30
Module Size (W×H)	400×300	400×300	400×300	400×300	400×300	400×300
Cabinet Size (mm)	800×900/800×1200	800×900/800×1200	800×900/800×1200	800×900/800×1200	800×900/800×1200	800×900/800×1200
Cabinet Resolution	256×288/256×384	192×216/192×288	160×180/160×240	128×144/128×192	96×108/96×144	80×90/80×120
Module QTY /Cabinet (W×H)	2×3/2×4	2×3/2×4	2×3/2×4	2×3/2×4	2×3/2×4	2×3/2×4
Cabinet Weight(kg)	17.5/22.5	17.5/22.5	17.5/22.5	17.5/22.5	17.5/22.5	17.5/22.5
Maintenance Mode	Front/Back maintenance	Front/Back maintenance	Front/Back maintenance	Front/Back maintenance	Front/Back maintenance	Front/Back maintenance
Cabinet Material	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
Brightness	5000	6500	6500	6500	6500	6500
Color Temperature(K)	1000-18500 Adjustable	1000-18500 Adjustable	1000-18500 Adjustable	1000-18500 Adjustable	1000-18500 Adjustable	1000-18500 Adjustable
Viewing angle	140°/160°	140°/160°	140°/160°	140°/160°	140°/160°	140°/160°
The best viewing distance	4 -150m	4 -150m	5 -150m	6 -200m	8 -200m	10 -300m
Contrast Ratio	10000:1	10000:1	10000:1	10000:1	10000:1	10000:1
Frame Frequency	50/60	50/60	50/60	50/60	50/60	50/60
Drive Mode	Static, 1/16 Scan	Static, 1/6 Scan	Static, 1/6 Scan	Static, 1/6 Scan	Static, 1/3 Scan	Static, 1/2 Scan
Grey level	16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
Refresh Rate (Hz)	3840	3840	3840	3840	3840	3840
Max Power Consumption (W/m ²)	780	780	780	780	780	780
Average Power Consumption (W/m ²)	200-300	200-300	200-300	200-30	200-300	200-300
IP Grade	IP 65	IP 65	IP 65	IP 65	IP 65	IP 65
Input Power	AC90-264V,47-63 Hz					
Working Temperature/Humidity (°C/RH)	-20~60°C/10%~85%					
Storage Temperature/Humidity (°C/RH)	-20~60°C/10%~85%					
Cert.	CCC / CE / ROHS / FCC / CB / TUV / IEC					