UNIT

UNIT LED

EV960 Energy Saving LED Display

UNIT

JOIN “Energy Saving Club”

The Best Common Cathode Aluminum Display

WHY “EV960”?

The Best Energy Saving LED Display

1	S	Security & Reliability
2	M	Maintenance
3	A	Accuracy
4	R	ROI
5	T	Technology

Security & Reliability

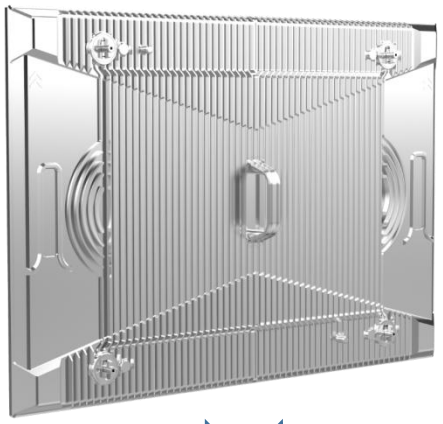
Protective Performance

- Strong Flame Resistance:

Aluminum material, high temperature durability, fast heat-dissipation.

The whole product can Reach (5VB) fireproofing level.

Flame retardant grade	After 10-second burn tests on the sample	How many seconds will the flame be extinguished?	Can the drop particles ignite cotton?
5VB	5 times	60 seconds	Yes
V-0	2 times	30 seconds	No
V-1	2 times	60 seconds	No
V-2	2 times	60 seconds	No
HB	**For samples 3-13 mm thick, the combustion rate ≤ 40 mm/min;Samples ≤ 3 mm thick, burning speed ≤ 70 mm/min.**		



VS

Plastic back shell is easy to be deformed and self-ignition

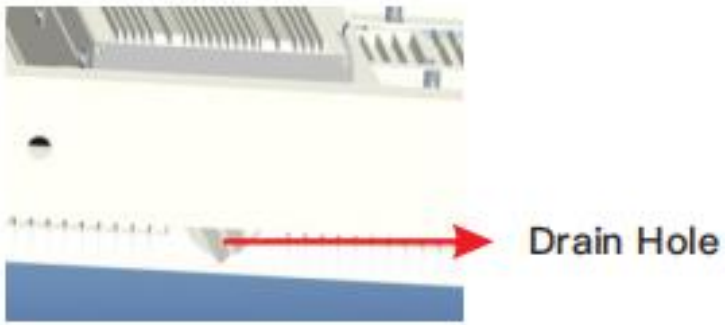
Protective Performance

- **Protecting Rating (front and rear): IP66**

  Full sealed die-casting aluminum module chassis.

  Water proof connectors(between modules)

  Drain hole is designed at the bottom of the panel to prevent ponding.



IP66: the high standard of Waterproofing
Can be immersed in the specified water pressure for a long time.

Recycling, Environment and Economy

•Die-casting aluminum chasis, recycle rate **90%** for the whole product.

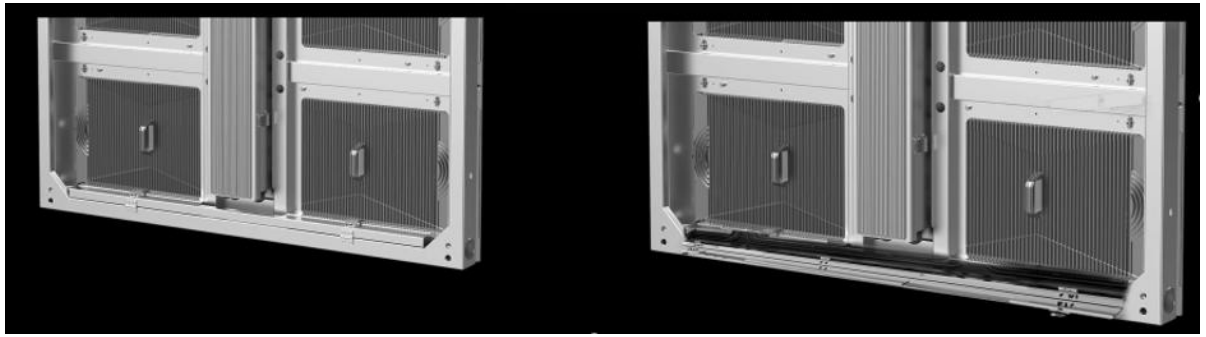
Stable and Reliable

•Long lifetime.

•30% Redundance while use 7000nits.
Using 10000nits,3000nits can sustain 7000nits using for 5 years.

•Good heat dissipation performance.

Elegant Design



Cable-less deisgn

Power and data cables are hidden at the bottom of the panel

Hard Connection

BTB connector replace data and power cables, high stability.

Multiple size

Available: 960*1280/960*960/960*640/1440*1280/ 1440*960mm

Customized design

Support custimzed 90° screen

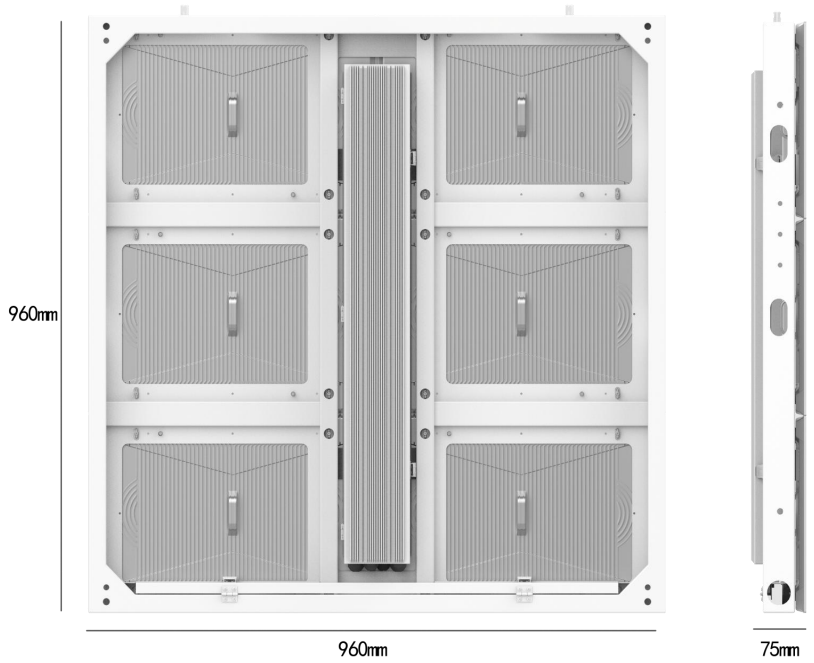
Maintenance

Longer Warranty

3 years warranty for LED module (10000nits version).

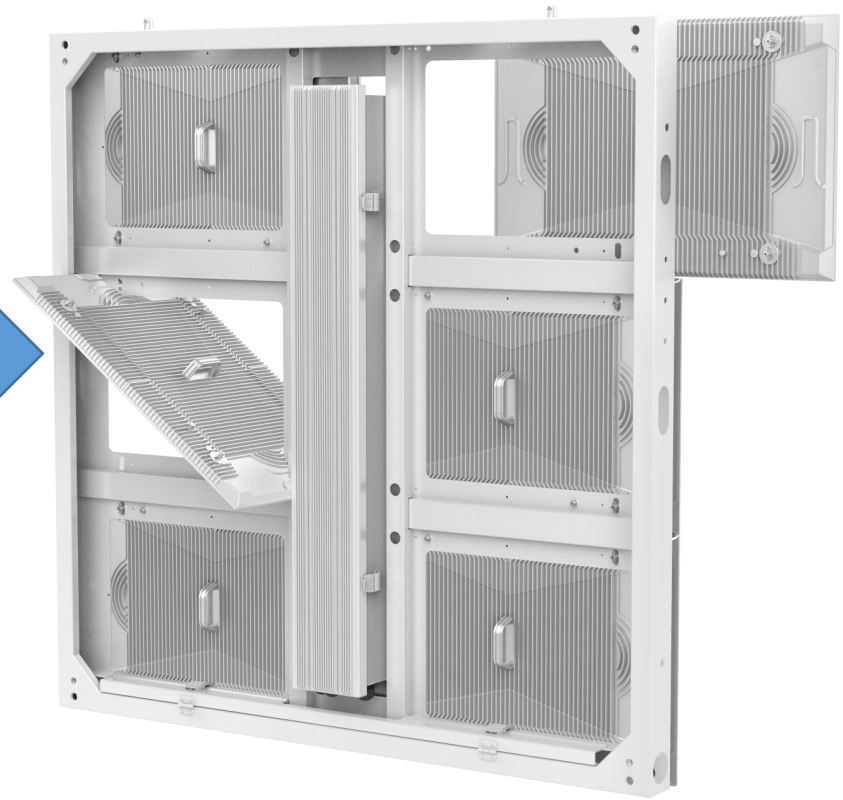
Light Weight

Weight: 28KG/㎡ for Aluminum frame
Weight: 35KG/㎡ for mental frame
Thickness: 75mm



Low Maintenance Cost

Total Front Service



Total Rear Service

Accuracy

Why “Accuracy”?

- The die-cast aluminum module achieves seamless splicing and high flatness.

- Metal material up to **90%.**
  Don't contains Any Plastic.

Module Contrast

- Traditional LED screen use many screws when to install or maintain.

  Aluminum chasis adopt edge lock without screwing design.

- Traditional LED screen unconcealed components.

  Aluminum chasis adopt full sealed design, to protect its internal components.

-

	Plastic Ratio	Aluminum Ratio
Recycling	1%	85%

ROI
Return On Investment

Save the cost of replacing old steel structures

Low power consumption, save electricity cost

Save the labor cost

High ROI

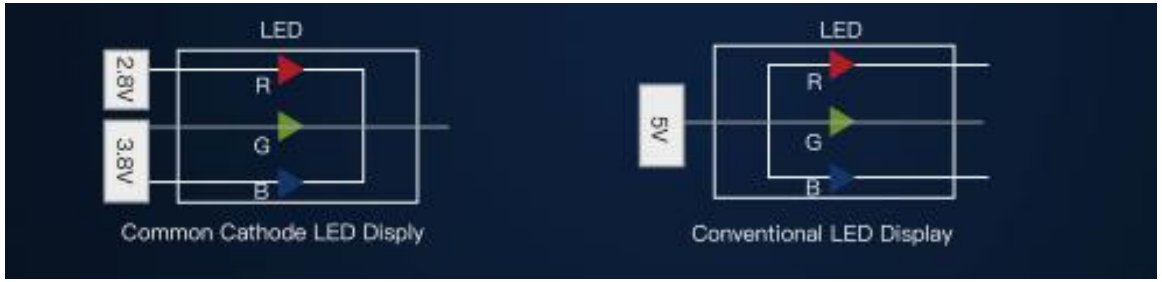
Long lifetime, 3 years warranty

Save shipping cost

High recycling efficiency

Technology

- **CCES:Common Cathode Energy Saving**



High Brightness： SMD 10000nits

Low power consumption.

Noise-free Aluminum PSU

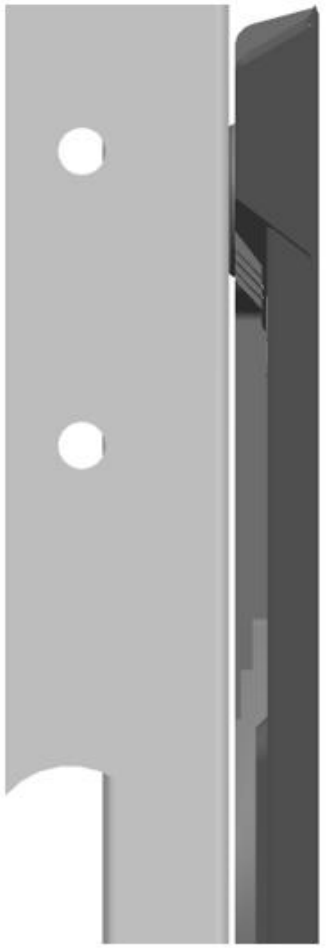
Why “10000nits”?

- Compared with the traditional SMD technology, 5000~6500 nits brightness is not easy to be seen in the strong sunlight.

- LED attenuation: brightness 5%-9% reduction every year. after 5 years Platinum still has around 7000nits.

- Calibration: After 2~3 years usage, after calibration, there is still strong brightness.

Save Power Consumption	Platinum P10mm Above 7000nits	General P10mm 6000nits
	Average 150w/sqm	Average 300w/sqm
1 DAY *100SQM	360(KW.h)	
1 YEAR*100SQM	100,000(KW.h)	
3 YRS*100SQM	300,000(KW.h)	
5 YRS*100SQM	500,000(KW.h)	



✷ Ventilation around the screen

Heat dissipation gap between the module and the cabinet, better heat dissipation effect

✷ Fast cooling system

0.43sqm for each module
0.24sqm for each power supply box

Application

Outdoor Fix installation Applications

①Sports

②Advertisement

③Shopping mall/Retails

④Public/Government/Enterprises

⑤School/Education

Sports

- Scoreboard
- LED Ribbon System

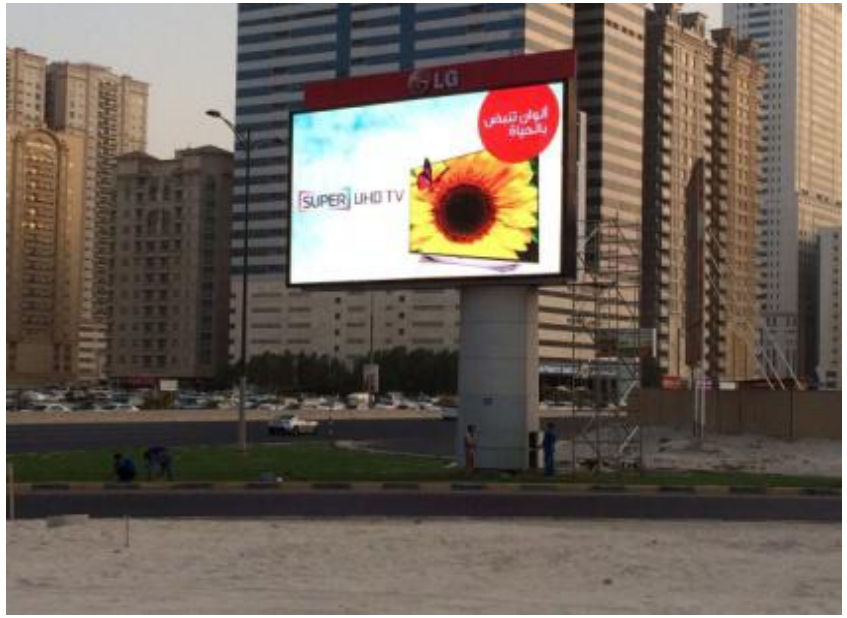
P10mm
80sqm
Stadium

Advertisement

- High-way Roadside LED billboard
- Street-side Billboard
- Roof LED display
- Wall Mounted LED display
- Train station/Airport/Metro

P16mm
60sqm
High-way Roadside
Screen

P10mm
65sqm
Street-side Billboard



Shopping mall/ Retails

- Entrance/Facade of shopping mall

P10mm
15sqm
Bar Project

P10mm
95sqm
Shopping mall

THANK YOU !

UNIT EV960-The Best Outdoor Energy Saving LED Display!

Email: manager@unit-led.com | Website: www.unit-led.com | Whatsapp: 0086-137-8705-0055
Address: A Building, Huaze Industrial Zone, Shiyan Street,Baoan District, Shenzhen, China.