

10mm Outdoor LED Display

Outdoor LED Visual Media Solution



Dakco Industrial Holdings Ltd.

Tel:86-755-29960601

Fax:86-755-29106150

Email:sales@dakco.cn



Outdoor media, LED era

In addition with the new installation, more and more traditional outdoor media are and will be replaced by outdoor LED digital billboards. Customers take the good opportunity to cooperate with us and benefit from selling media space on the digital billboards to advertisers.

Of course, we're just beginning this revolution in outdoor advertising, less than 1/450 have been converted to digital.

Select the best LED display for your outdoor advertising business

High brightness

13mil LED selected, Red, Green and Blue LEDs with the same grade of luminance within $\pm 10\%$ tolerance and wavelength within $\pm 2.5\text{nm}$ tolerance.

Clear video

With the MBI5042 IC adopted, the refresh frequency can reach 3000Hz+. No matter to human eyes or video camera, the flicker never happen.

Flexible shape

The special design of modules and cabinets allows a flexible shape, and the display can be curved or round shape to create a novel appearance to the public.

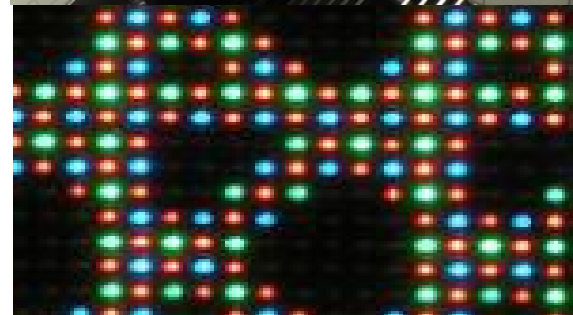
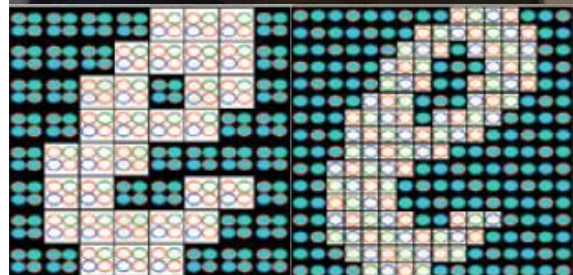
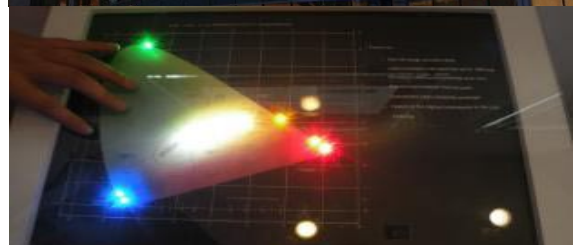
Easy connection

The connection interface of signal and power cable is specially designed to be waterproof and easy-connecting.

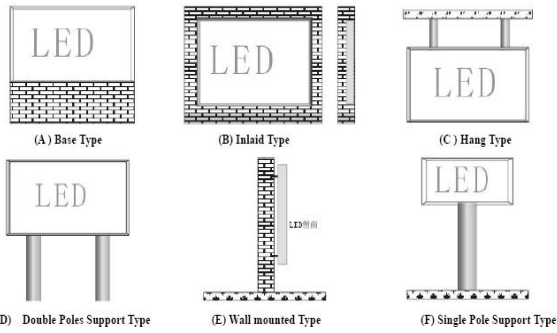
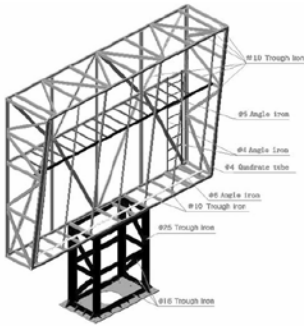


Best stability

A strict QC and test process ensure the display 24/7 working in outdoor environment.



Installation Scheme

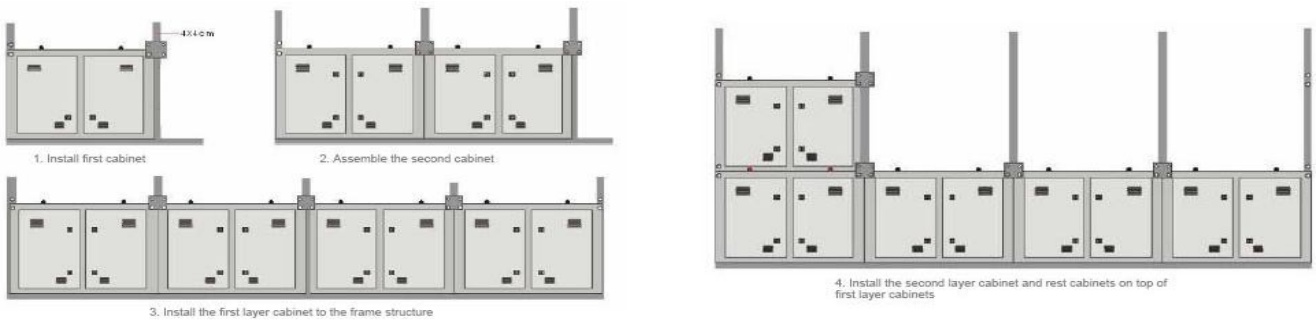


Structure

- Base Type
- Inlaid Type
- Hang Type
- Double Poles Support
- Wall Mounted Type
- Single Pole Support

Assembly

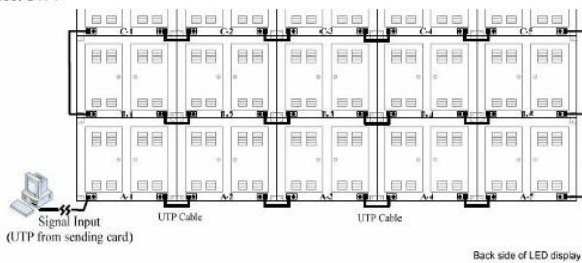
Modular in the Cabinet, Brick in the Wall



Connection

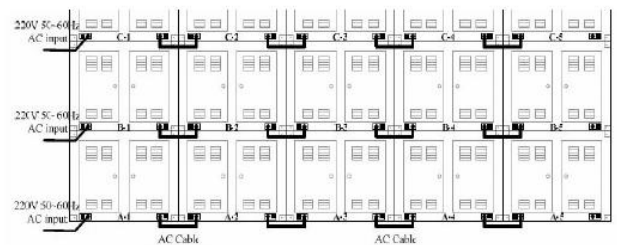
Signal

Connect UTP:

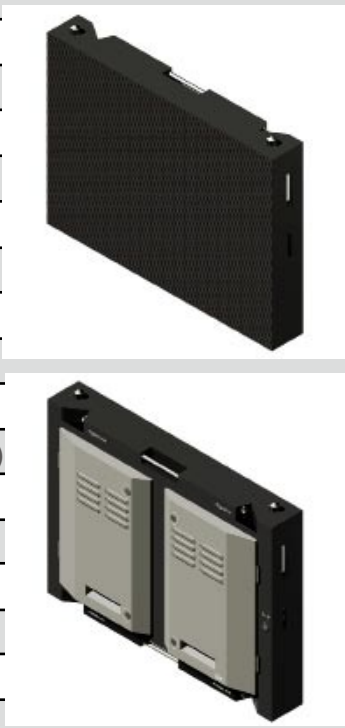


Power

Connect A/C:



Specifications

Pixel pitch: 10mm	
Module resolution: 16pixel * 16pixel	
Module size: 160mm * 160mm	
Pixel configuration: 1R1G1B	
Pixel density: 10000dots/sq.m	
LED encapsulation: 346 DIP	
Driving method: 1/4 constant current	
Frame frequency: ≥60hz	
Refresh rate: ≥1000hz	
Cabinet resolution: 96 pixel * 96 pixel	
Cabinet size: 960mm * 960mm * 150mm (customization available)	
Cabinet weight: 50KG(Iron); 32KG(Aluminum)	
Best viewing distance: 5-55m	
Best viewing angle (50% brightness): ≥140°(H) and 60°(V)	
Luminance: ≥5500nits	
Power consumption: Max 600W/SQ.M; Typical 360W/SQ.M	
Gray-scale: 65,536 levels	
Processing depth: 16bit	
Control system: PCTV non-linear editing card + DVI display card + main controller card +optic fiber transmission (Optional wireless control)	
Brightness control: 256 levels of each color(automatic adjustment available)	
Ingress protection: Front IP67; Rear IP55	
Working voltage: 220V±10%, 110V±10% (customize according to requirement)	
Working environment temperature: -40°C~60°C	
Storage environment humidity: 10-90%RH	
MTBF: >5000 hours	
Malfunction dot rate:<0.0001	
Life-span: > 100000 hours	

Recommended Options for Outdoor LED Display



P12mm



P20mm

