

Tentech

**LED
Display
Manufacturer**

Product Catalogue 2018



Tentech

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Production

Production Flow Chart

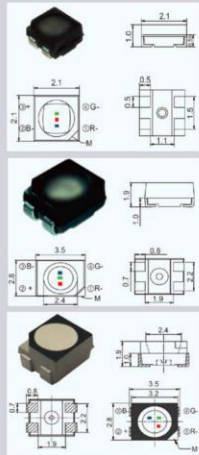


Production Equipments



Materials Adopted

Indoor LED Parameters



| Model | Colour | IF(mA) TEST | Rd(nm) Typ | lv(mcd) Typ | Vf(V) Typ | View angle (deg.) |
|----------|--------|----------------|---------------|----------------|--------------|----------------------|
| SMD2121 | Red | 15 | 620 | 120 | 2 | 110 |
| | Green | 8 | 520 | 380 | 3 | 110 |
| | Blue | 5 | 470 | 60 | 3 | 110 |
| SMD3528B | Red | 20 | 620 | 150 | 2 | 110 |
| | Green | 12 | 520 | 490 | 3 | 110 |
| | Blue | 12 | 470 | 100 | 3 | 110 |
| SMD3528 | Red | 20 | 620 | 340 | 2 | 110 |
| | Green | 12 | 520 | 1000 | 3 | 110 |
| | Blue | 12 | 470 | 240 | 3 | 110 |

Characteristic

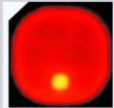
The indoor LEDs we choose have advantages of high reliability and contrast, wide view angle and good consistency which can meet the need of high refresh rate, high gray scale and keep natural color at one time.



Other



Tentech



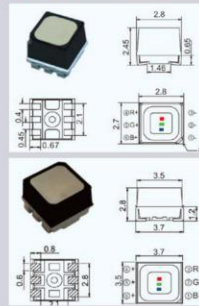
Tentech



Tentech

1. High contrast
Matte encapsulation with non-mirror reflection
2. Good cost-performance
Qualified material, copper substrate, and gold wire
3. Good consistency
Strict binning, no color difference and pitting
4. High reliability
Moistureproof design and low failure rate
5. Long lifespan
Good thermal dissipation, low luminous degradation and power consumption

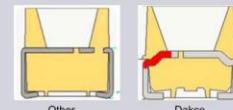
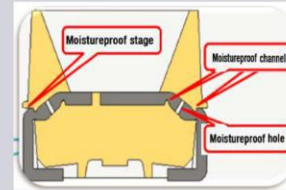
Outdoor LED Parameters



| Model | Colour | IF(mA) TEST | Rd(nm) Typ | lv(mcd) Typ | Vf(V) Typ | View angle (deg.) |
|---------|--------|----------------|---------------|----------------|--------------|----------------------|
| SMD2727 | Red | 20 | 620 | 750 | 2 | 110 |
| | Green | 15 | 525 | 520 | 3 | 110 |
| | Blue | 10 | 470 | 290 | 3 | 110 |
| SMD3535 | Red | 20 | 620 | 750 | 2 | 110 |
| | Green | 20 | 520 | 2100 | 3 | 110 |
| | Blue | 20 | 470 | 530 | 3 | 110 |

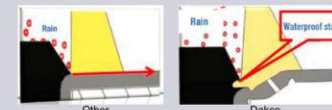
Characteristic

The outdoor LEDs we choose are with high brightness, high reliability and good performance of waterproof, dust-proof and UV-proof.



Other

Dakco



Other

Dakco

1. High brightness
White len, high luminous intensity
2. High contrast
Black coating, matte encapsulation with non-mirror reflection
3. High reliability
Dust-proof, Water-proof, UV-proof
4. Long lifespan
Good thermal dissipation, low luminous degradation and power consumption

Materials Adopted

Driving IC & Other Materials

To achieve the best visual performance of our indoor & outdoor led displays, and for different applications, we choose the driving IC with the latest technology.

De-ghosting (Lower Ghosting)



Dakco

Common

Color Uniformity



Dakco

Common

Grey level



Dakco

Common

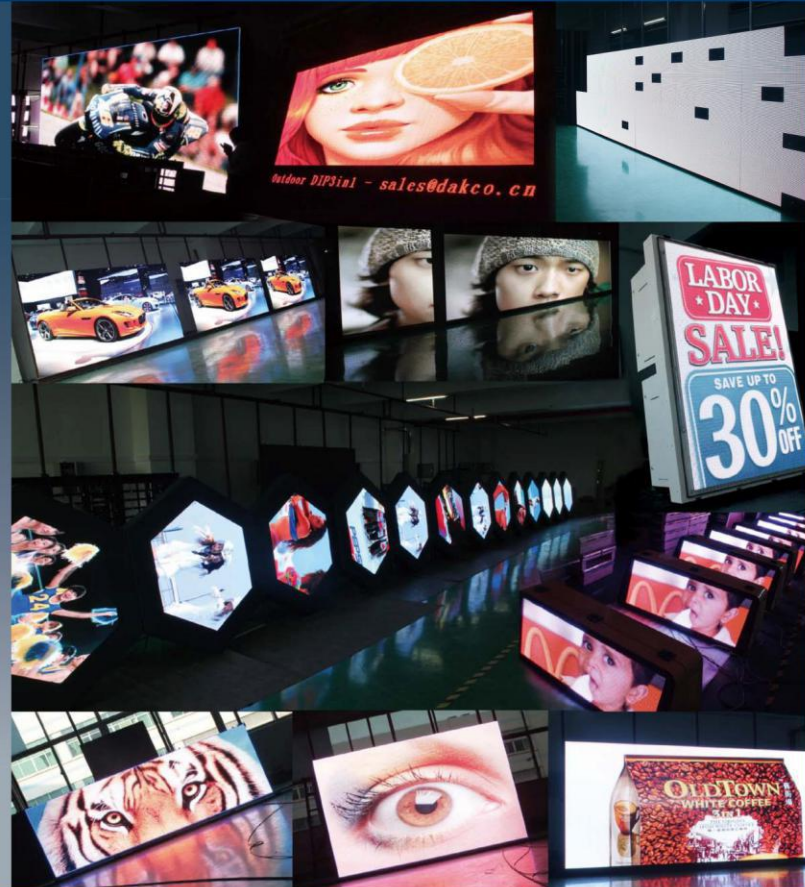
Refresh rate



Dakco

Common

Partner Suppliers



Indoor LED Cabinet Type 1: Aluminum Profile Cabinet

Introduction

Aluminum profile cabinet of Tentech, is recommended to medium & small pitch (pixel pitch $\leq 5\text{mm}$) indoor fixed-installation led displays, and all spec indoor rental led displays.

Features:

1. Slim - 82mm depth
2. Light - 29kg/m²
3. Seamless - $\pm 0.2\text{mm}$ cabinet joint precision
4. Quick assembly & disassembly, plug-play
5. Fanless, silent, good heat-dissipation
6. LCD monitor equipped rear side, indicating working status
7. Size customizable - various cabinet sizes available
8. Weight customizable - Magnet levitation service available, Curved (rotation angle adjustable) available



Introduction

Indoor Fixed Installation LED Display 500 X 500mm Fixture

Advantages:

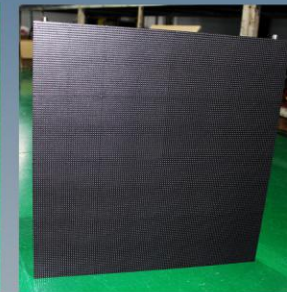
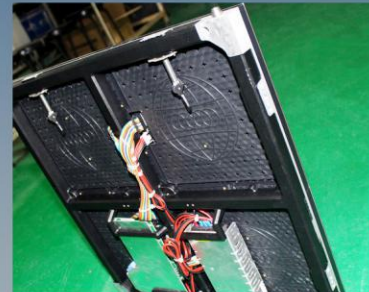
- 1) Simple on-site installation (save time & cost)
- 2) Greatly improve LED Display flatness

Suitable for below modules:

P2.976/P3.91/P4.81

Thickness 25mm

Total weight: around 4.5kg



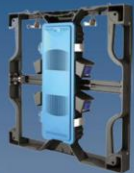
Indoor LED Cabinet Type 2: Die-casting Aluminum Cabinet

Introduction

Die-casting Aluminum cabinet of Tentech, is recommended to all spec rental led displays. It is in fact Magnesium Alloy Die-casting cabinet, of which the Mg Alloy is always an important material for aerospace field.

Features:

1. Ultra light - 20kg/m² (indoor); 35kg/m² (outdoor)
2. Super slim - 60mm-75mm depth
3. Fast cooling - excellent heat dissipation, protecting the internal components & parts
4. Anti-interference - special anti-electromagnetic interference function
5. High strength - single cabinet weight bearing ≥300KG (for hanging installation)
6. Quick assembly & disassembly - average 20 seconds/cabinet, plugplay
7. Seamless - Best joint precision of ±0.1mm, best flatness tolerance of 0.03mm, splicing with CNC machining
8. Easy maintenance - cabinet could be serviced from front side
9. Elegant and decent industrial design



500x500x60mm
(Apply to - P3.91mm,
P4.81mm, P5.21mm, P6.25mm)



500x500x75mm
(Apply to - P3.91mm,
P4.81mm, P5.21mm, P6.25mm)



500x1000x60mm
(Apply to - P3.91mm,
P4.81mm, P5.21mm, P6.25mm)



512x512x70mm
(512x768x70mm available,
apply to - P4mm)



576x576x75mm
(Apply to - P3mm, P6mm)



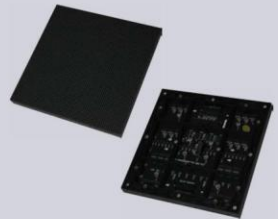
640x640x75mm
(Apply to - P2.5mm, P5mm)



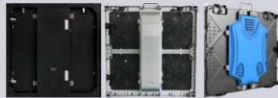
Hot-selling also

Specs - Indoor LED Display

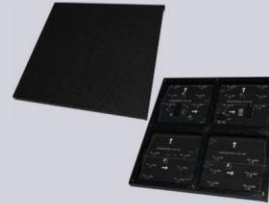
P2.5mm Indoor LED Display



| | |
|------------------------|--|
| Pixel pitch | 2.5mm |
| Pixel configuration | SMD2121 3in1 (Epistar® LED) |
| Pixel density | 160,000/m ² |
| Module size | 160*160mm |
| Module thickness | 13.07mm (Without the magnetic column); 26.63mm (With the magnetic column) |
| Module weight | 0.232kg |
| Driving method | 1/32 constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥2000Hz |
| Brightness | ≥1500nits |
| Best viewing distance | 3m-20m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bits |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 780W/SQ.M |
| Avg. Power consumption | 320W/SQ.M |
| MTBF | >9000hours |
| Lifetime | 100,000hours |



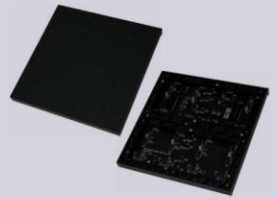
P4mm Indoor LED Display



| | |
|------------------------|--|
| Pixel pitch | 4mm |
| Pixel configuration | SMD2121 3in1 black LED (Epistar® LED) |
| Pixel density | 62,500/m ² |
| Module size | 256*256mm |
| Module thickness | 13.07mm (Without the magnetic column); 25.10mm (With the magnetic column) |
| Module weight | 0.354kg |
| Driving method | 1/32constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥2000Hz |
| Brightness | ≥1500nits |
| Best viewing distance | 4m-20m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bits |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 375W/SQ.M |
| Avg. Power consumption | 150W/SQ.M |
| MTBF | >9000hours |
| Lifetime | 100,000hours |



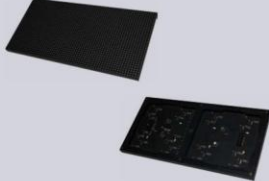
P3mm Indoor LED Display



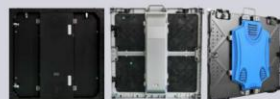
| | |
|------------------------|--|
| Pixel pitch | 3mm |
| Pixel configuration | SMD2121 3in1 (Epistar® LED) |
| Pixel density | 111,111/m ² |
| Module size | 192*192mm |
| Module thickness | 14.66mm (Without the magnetic column); 26.55mm (With the magnetic column) |
| Module weight | 0.31kg |
| Driving method | 1/32 constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥2000Hz |
| Brightness | ≥1500nits |
| Best viewing distance | 3m-20m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bits |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 680W/SQ.M |
| Avg. Power consumption | 270W/SQ.M |
| MTBF | >9000hours |
| Lifetime | 100,000hours |



P5mm Indoor LED Display

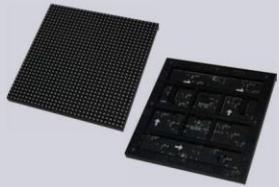


| | |
|------------------------|--|
| Pixel pitch | 5mm |
| Pixel configuration | SMD2121 3in1 (Epistar® LED) |
| Pixel density | 40,000/m ² |
| Module size | 320*160mm |
| Module thickness | 14.27mm (Without the magnetic column); 29.33mm (With the magnetic column) |
| Module weight | 0.3kg |
| Driving method | 1/16constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥2000Hz |
| Brightness | ≥1500nits |
| Best viewing distance | 5m-30m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bits |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 500W/SQ.M |
| Avg. Power consumption | 200W/SQ.M |
| MTBF | >9000hours |
| Lifetime | 100,000hours |



Specs - Indoor LED Display

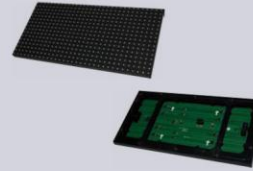
P6mm Indoor LED Display



| | |
|------------------------|--|
| Pixel pitch | 6mm |
| Pixel configuration | SMD3528 3in1 (Epistar® LED) |
| Pixel density | 27,777/m ² |
| Module size | 192*192mm/ 384*192mm |
| Module thickness | 14.85mm (Without the magnetic column); 27.15mm (With the magnetic column) |
| Module weight | 0.304kg/0.602kg |
| Driving method | 1/16constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥2000Hz |
| Brightness | ≥1500nits |
| Best viewing distance | 6m-33m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bits |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 420W/SQ.M |
| Avg. Power consumption | 140W/SQ.M |
| MTBF | >9000hours |
| Lifetime | 100,000hours |



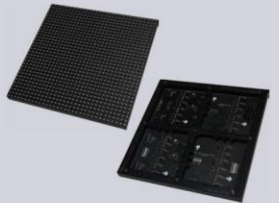
P10mm Indoor LED Display



| | |
|------------------------|--|
| Pixel pitch | 10mm |
| Pixel configuration | SMD3528 3in1 (Epistar® LED) |
| Pixel density | 10,000/m ² |
| Module size | 320*160mm |
| Module thickness | 13.81mm (Without the magnetic column); 26.05mm (With the magnetic column) |
| Module weight | 0.358kg |
| Driving method | 1/4constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥2000Hz |
| Brightness | ≥1500nits |
| Best viewing distance | 10m-100m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bits |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 600W/SQ.M |
| Avg. Power consumption | 200W/SQ.M |
| MTBF | >9000hours |
| Lifetime | 100,000hours |



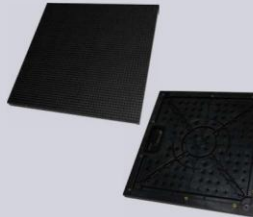
P7.62mm Indoor LED Display



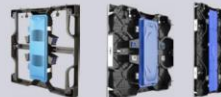
| | |
|------------------------|--|
| Pixel pitch | 7.62mm |
| Pixel configuration | SMD3528 3in1 (Epistar® LED) |
| Pixel density | 17,222/m ² |
| Module size | 244*244mm |
| Module thickness | 17.06mm (Without the magnetic column); 28.92mm (With the magnetic column) |
| Module weight | 0.45kg |
| Driving method | 1/8constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥2000Hz |
| Brightness | ≥1500nits |
| Best viewing distance | 8m-50m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bits |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 400W/SQ.M |
| Avg. Power consumption | 160W/SQ.M |
| MTBF | >9000hours |
| Lifetime | 100,000hours |



P3.91mm Indoor LED Display

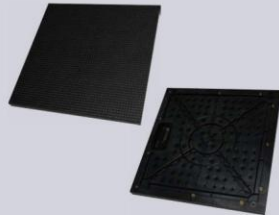


| | |
|------------------------|--|
| Pixel pitch | 3.91mm |
| Pixel configuration | SMD2121 3in1 (Epistar® LED) |
| Pixel density | 65,536/m ² |
| Module size | 250*250mm |
| Module thickness | 14.66mm (Without the magnetic column); 26.55mm (With the magnetic column) |
| Module weight | 0.573kg |
| Driving method | 1/16 constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥2000Hz |
| Brightness | ≥1200nits |
| Best viewing distance | 4m-20m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bits |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 560W/SQ.M |
| Avg. Power consumption | 168W/SQ.M |
| MTBF | >9000hours |
| Lifetime | 100,000hours |



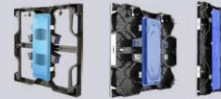
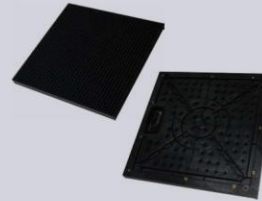
Specs - Indoor LED Display

P4.81mm Indoor LED Display



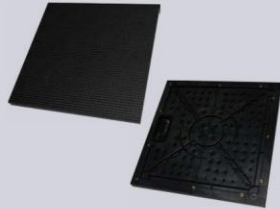
| | |
|------------------------|--|
| Pixel pitch | 4.81mm |
| Pixel configuration | SMD2121 3in1 (Epistar® LED) |
| Pixel density | 43,264/m ² |
| Module size | 250*250mm |
| Module thickness | 14.66mm (Without the magnetic column); 26.55mm (With the magnetic column) |
| Module weight | 0.575kg |
| Driving method | 1/13 constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥2000Hz |
| Brightness | ≥1200nits |
| Best viewing distance | 5m-20m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bits |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 560W/SQ.M |
| Avg. Power consumption | 168W/SQ.M |
| MTBF | >9000hours |
| Lifetime | 100,000hours |

P6.25mm Indoor LED Display



| | |
|------------------------|--|
| Pixel pitch | 6.25mm |
| Pixel configuration | SMD3528 3in1 (Epistar® LED) |
| Pixel density | 25,600/m ² |
| Module size | 250*250mm |
| Module thickness | 14.66mm (Without the magnetic column); 26.55mm (With the magnetic column) |
| Module weight | 0.575kg |
| Driving method | 1/10 constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥2000Hz |
| Brightness | ≥1500nits |
| Best viewing distance | 7m-20m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bits |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 560W/SQ.M |
| Avg. Power consumption | 168W/SQ.M |
| MTBF | >9000hours |
| Lifetime | 100,000hours |

P5.21mm Indoor LED Display



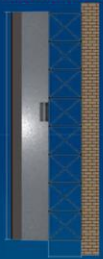
| | |
|------------------------|--|
| Pixel pitch | 5.21mm |
| Pixel configuration | SMD2121 3in1 (Epistar® LED) |
| Pixel density | 36,864/m ² |
| Module size | 250*250mm |
| Module thickness | 14.66mm (Without the magnetic column); 26.55mm (With the magnetic column) |
| Module weight | 0.575kg |
| Driving method | 1/12 constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥2000Hz |
| Brightness | ≥1500nits |
| Best viewing distance | 6m-20m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bits |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 560W/SQ.M |
| Avg. Power consumption | 168W/SQ.M |
| MTBF | >9000hours |
| Lifetime | 100,000hours |

Frequently used accessories



Outdoor LED Cabinet Type 1: Steel & Aluminum Plate Cabinet - Cabinet with back doors

Installation Environment



≥80cm room available behind of the screen

Modules Could Be Assembled

Can be equipped with ALL SPECS of LED MODULES.
Apply to most medium & big size installations.

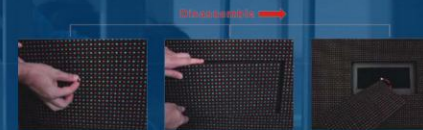


Remark: Front Service Led Module

When there's no space behind of the screen, you could choose the "Front Service Module".
The Cabinet is still with back doors, but that is only for the easy assembly in factory.
When the screen installed, it's no longer necessary to open the back doors, because you can take out the modules from front side.



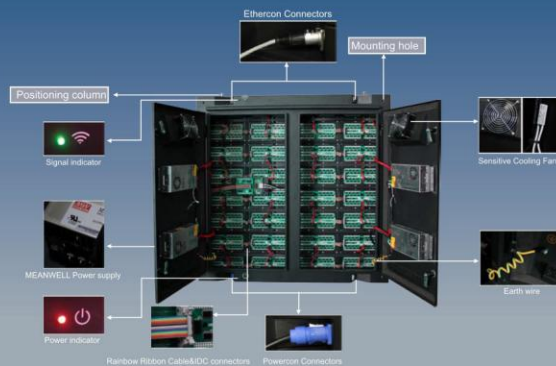
Not restricted by the space behind of the screen



Specs Available

Available Specs of Front Service Modules – P8mm, P10mm, P16mm

Cabinet Design

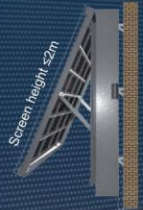


Show Case



Outdoor LED Cabinet Type 2: Steel & Aluminum Plate Cabinet - Flip up cabinet (Front Open Lid Cabinet)

Installation Environment



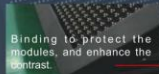
Not restricted by the space behind of the screen

Modules Could Be Assembled

Can be equipped with ALL SPECS of LED MODULES, Apply to the displays with height of less than 2 meters.



Cabinet Design



In case of any water-in, it would leak out at this hole on the bottom. No damp air stays.



Outdoor LED Cabinet Type 3: Die-casting Aluminum Cabinet

Introduction

Die-casting Aluminum cabinet of Tentech, is recommended to all spec rental led displays. It is in fact Magnesium Alloy Die-casting cabinet, of which the Mg Alloy is always an important material for aerospace field.

Features:

1. Ultra light - 20kg/m² (indoor); 35kg/m² (outdoor)
2. Super slim - 60mm-75mm depth
3. Fast cooling - excellent heat dissipation, protecting the internal components & parts
3. Anti-interference - special anti-electromagnetic interference function
4. High strength - single cabinet weight bearing ≥300KG (for hanging installation)
5. Quick assembly & disassembly - average 20 seconds/cabinet, plug-play
6. Seamless - Best joint precision of ±0.1mm, best flatness tolerance of 0.03mm, splicing with CNC machining
7. Easy maintenance - cabinet could be serviced from front side
8. Elegant and decent industrial design



640x640x75mm
(Apply to - P5mm, P6.67mm, P8mm, P10mm)



576x576x75mm
(Apply to - P6mm)

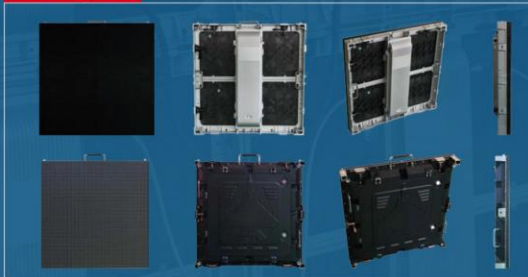


500x500x75mm
(Apply to - P4.81mm, P5.95mm, P6.25mm, P8.93mm)



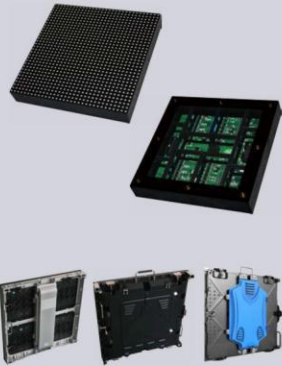
500x1000x60mm
(Apply to - P4.81mm, P5.95mm, P6.25mm, P8.93mm)

Hot-selling also



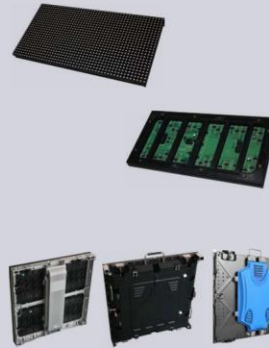
Specs - Outdoor LED Display

P5mm Outdoor SMD LED Display



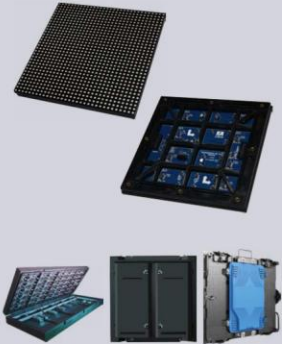
| | |
|------------------------|---|
| Pixel pitch | 5mm |
| Pixel configuration | SMD2727 3 in1 LED (Epistar® LED chip) |
| Pixel density | 40,000/m ² |
| Module size | 320*160mm |
| Module thickness | 17.05mm |
| Module weight | 0.5kg |
| Driving method | 1/8 constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥1920Hz |
| Brightness | ≥7,000nits |
| Best viewing distance | 5m-100m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bit |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 980W/SQ.M |
| Avg. Power consumption | 390W/SQ.M |
| MTBF | >9,000 hours |
| Lifetime | 100,000 hours |

P6.67mm Outdoor SMD LED Display



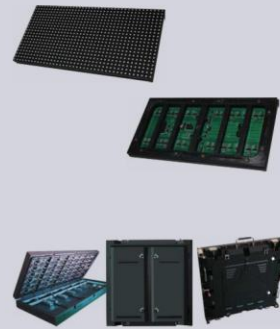
| | |
|------------------------|---|
| Pixel pitch | 6.67mm |
| Pixel configuration | SMD3535 3 in1 LED (Epistar® LED chip) |
| Pixel density | 22,500/m ² |
| Module size | 320*160mm |
| Module thickness | 17.05mm |
| Module weight | 0.546kg |
| Driving method | 1/6 constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥1920Hz |
| Brightness | ≥6,500nits |
| Best viewing distance | 6m-40m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bit |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 780W/SQ.M |
| Avg. Power consumption | 320W/SQ.M |
| MTBF | >9,000 hours |
| Lifetime | 100,000 hours |

P6mm Outdoor SMD LED Display



| | |
|------------------------|---|
| Pixel pitch | 6mm |
| Pixel configuration | SMD3535 3 in1 LED (Epistar® LED chip) |
| Pixel density | 27,777/m ² |
| Module size | 192*192mm |
| Module thickness | 17.05mm |
| Module weight | 0.369kg |
| Driving method | 1/8 constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥1920Hz |
| Brightness | ≥6,500nits |
| Best viewing distance | 6m-40m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bit |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 950W/SQ.M |
| Avg. Power consumption | 380W/SQ.M |
| MTBF | >9,000 hours |
| Lifetime | 100,000 hours |

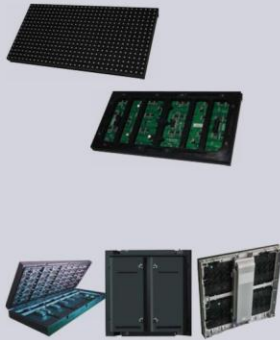
P8mm Outdoor SMD LED Display



| | |
|------------------------|---|
| Pixel pitch | 8mm |
| Pixel configuration | SMD3535 3 in1 LED (Epistar® LED chip) |
| Pixel density | 15,625/m ² |
| Module size | 320*160mm |
| Module thickness | 17.05mm |
| Module weight | 0.474kg |
| Driving method | 1/5 constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥1920Hz |
| Brightness | ≥6,500nits |
| Best viewing distance | 8m-40m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bit |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 780W/SQ.M |
| Avg. Power consumption | 320W/SQ.M |
| MTBF | >9,000 hours |
| Lifetime | 100,000 hours |

Specs - Outdoor LED Display

P10mm Outdoor SMD LED Display



| | |
|------------------------|---|
| Pixel pitch | 10mm |
| Pixel configuration | SMD3535 3 in1 LED (Epistar® LED chip) |
| Pixel density | 10,000/m ² |
| Module size | 320*160mm |
| Module thickness | 17.05mm |
| Module weight | 0.51kg |
| Driving method | 1/2 constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥3600Hz |
| Brightness | ≥7,500nits |
| Best viewing distance | 10m-50m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bit |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 880W/SQ.M |
| Avg. Power consumption | 350W/SQ.M |
| MTBF | >9,000 hours |
| Lifetime | 100,000 hours |

P16mm Outdoor SMD LED Display



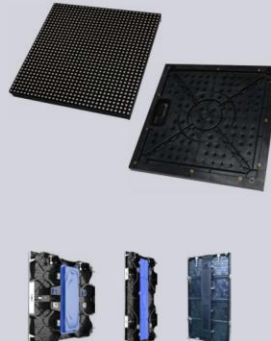
| | |
|------------------------|---|
| Pixel pitch | 16mm |
| Pixel configuration | SMD3535 3 in1 LED (Epistar® LED chip) |
| Pixel density | 3,096/m ² |
| Module size | 256*256mm |
| Module thickness | 17.05mm |
| Module weight | 0.65kg |
| Driving method | static constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥3600Hz |
| Brightness | ≥7,500nits |
| Best viewing distance | 15m-100m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bit |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 880W/SQ.M |
| Avg. Power consumption | 350W/SQ.M |
| MTBF | >9,000 hours |
| Lifetime | 100,000 hours |

P11mm Outdoor SMD LED Display



| | |
|------------------------|---|
| Pixel pitch | 11mm |
| Pixel configuration | SMD3535 3 in1 LED (Epistar® LED chip) |
| Pixel density | 8,281/m ² |
| Module size | 176*176mm |
| Module thickness | 17.05mm |
| Module weight | 0.31kg |
| Driving method | 1/2 constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥3600Hz |
| Brightness | ≥7,500nits |
| Best viewing distance | 10m-50m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bit |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 880W/SQ.M |
| Avg. Power consumption | 350W/SQ.M |
| MTBF | >9,000 hours |
| Lifetime | 100,000 hours |

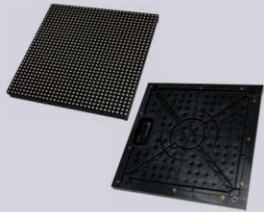
P4.81mm Outdoor SMD LED Display



| | |
|------------------------|---|
| Pixel pitch | 4.81mm |
| Pixel configuration | SMD2727 3 in1 LED (Epistar® LED chip) |
| Pixel density | 42,849/m ² |
| Module size | 250*250mm |
| Module thickness | 17.05mm |
| Module weight | 0.6kg |
| Driving method | 1/13 constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥2000Hz |
| Brightness | ≥7,000nits |
| Best viewing distance | 5m-100m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bit |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 980W/SQ.M |
| Avg. Power consumption | 390W/SQ.M |
| MTBF | >9,000 hours |
| Lifetime | 100,000 hours |

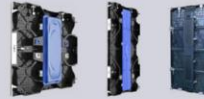
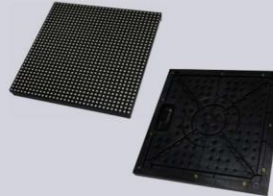
Specs - Outdoor LED Display

P5.95mm Outdoor SMD LED Display



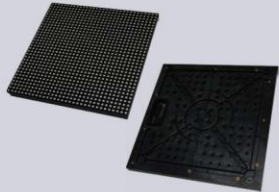
| | |
|------------------------|---|
| Pixel pitch | 5.95mm |
| Pixel configuration | SMD3535 3 in1 LED (Epistar® LED chip) |
| Pixel density | 28,258/m ² |
| Module size | 250*250mm |
| Module thickness | 17.05mm |
| Module weight | 0.6kg |
| Driving method | 1/7 constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥2000Hz |
| Brightness | ≥7,000nits |
| Best viewing distance | 6m-100m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bit |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 980W/SQ.M |
| Avg. Power consumption | 390W/SQ.M |
| MTBF | >9,000 hours |
| Lifetime | 100,000 hours |

P8.93mm Outdoor SMD LED Display



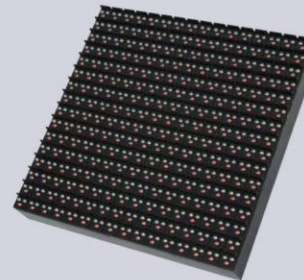
| | |
|------------------------|---|
| Pixel pitch | 8.93mm |
| Pixel configuration | SMD3535 3 in1 LED (Epistar® LED chip) |
| Pixel density | 12,544/m ² |
| Module size | 250*250mm |
| Module thickness | 17.05mm |
| Module weight | 0.6kg |
| Driving method | 1/7 constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥2000Hz |
| Brightness | ≥6,500nits |
| Best viewing distance | 10m-100m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bit |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 780W/SQ.M |
| Avg. Power consumption | 320W/SQ.M |
| MTBF | >9,000 hours |
| Lifetime | 100,000 hours |

P6.25mm Outdoor SMD LED Display

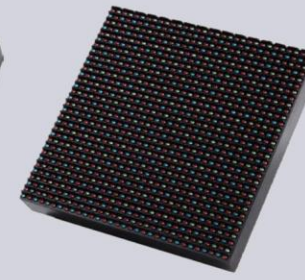


| | |
|------------------------|---|
| Pixel pitch | 6.25mm |
| Pixel configuration | SMD3535 3 in1 LED (Epistar® LED chip) |
| Pixel density | 25,600/m ² |
| Module size | 250*250mm |
| Module thickness | 17.05mm |
| Module weight | 0.6kg |
| Driving method | 1/10 constant current |
| Image technology | Real Pixel |
| Refresh rate | ≥2000Hz |
| Brightness | ≥6,500nits |
| Best viewing distance | 6m-100m |
| Best viewing angle | 160°(H)/120°(V) |
| Grey scale/ colors | 65,536 level (color range 281 trillion) |
| Processing depth | 16bit |
| Brightness control | 256 levels automatically |
| Max. Power consumption | 780W/SQ.M |
| Avg. Power consumption | 320W/SQ.M |
| MTBF | >9,000 hours |
| Lifetime | 100,000 hours |

Still available



Outdoor 1R1G1B LED Module



Outdoor 2R1G1B LED Module

SERVICE TO OUR PARTNERS



Technical consulting

Our team has extensive experience and expertise in technical consulting, which enables them to help the customers find the right solution and products.



Transportation

We provide our customers with flexible & diverse logistics solutions ranging from fast courier door to door service like UPS/ DHL/FedEx/TNT to affordable sea shipping service in LCL or FCL.

Installation

We provide paid local on-site technical support and guidance for some particular customers such as amateur buyer. But customers can enjoy this service free of charge for some large-scale projects. Please contact us for more details for this service if further interest.

After-sale assistance & training

A team possessing rich experience and professional skills can respond quickly for assisting the clients to get the technical problems solved. Also, customers can enjoy a quick training service free of charge from our team.

COOPERATION

Tentech is never restricted to the limited partnerships. We are always seeking a creative & flexible partnership based on mutually beneficial foundation and have very elastic price policy. We are pleased to work with those partners who have ambition, self-motivation and creative ideas. Tentech will stand behind our partner to provide any possible support.





Tentech