

TX10 LED display

CE,ROHS,CCC,FCC

SMD LED

1. LED chip:Cree,Nichia,Nationstar
 2. encapsulation: 3-in-1 SMD 5050 SMD,
- Large viewing angle,vertical is 120 degrees,horizontal is 140 degrees.Well mixed lighting.excellent brightness balance

DIP LED

1. LED chip:Cree,Nichia,Nationstar
 2. encapsulation:3mm oval DIP LED,
- High brightness,good anti-UV property,,well mixed lighting.excellent brightness balance

Module

--PCB

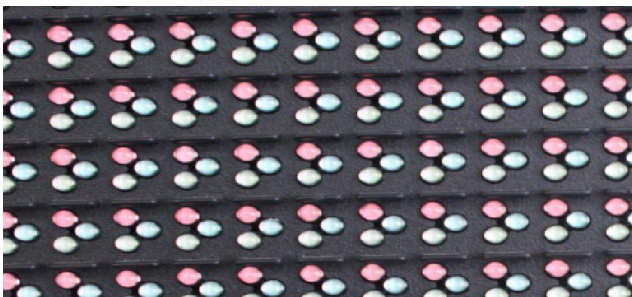
Kingboard A+ with UL certificate PCB, 6 layers ,thickness is 2.0mm, copper conductor thickness is 1 ounce per square feet.

Kingboard is a very large and long established PCB manufacturer for LED display.Kingboard supply PCB with different levels.it have A plus,A,B plus,B,C plus,C,the A plus is the best PCB, uniformity thick copper is benefit for power conduction and heat disruption. 6 layers PCB have the enough internal space for its circuit layout.The substrate is epoxy resin and glass-fiber insulation board,painted with Topvision's conformal coating,the PCB have the good property on waterproof,anti-corruption,anti-oxidation.to protect the PCB in good status to avoid bursting/blowout, rupture problems.

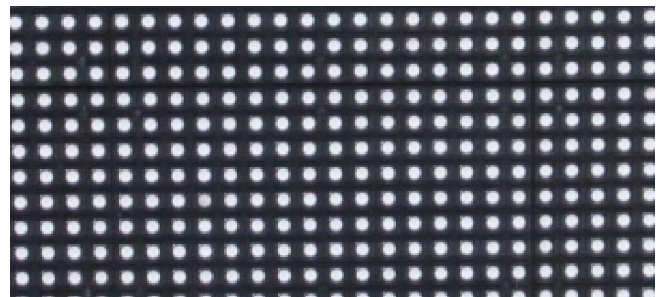
--Mask and shell

Material:PC, Color:pure black

Our mask and back shell are designed by our R&D,not the common mode,that means its size is very precise,will greatly benefit for insure a flow flat surface for LED screen.



DIP Module



SMD module

Cabinet

Lightbox aluminum alloy **stable,robust,movable** LED display cabinet.

1 ,Function and property is very mature.

2 LEDs

1),**SMD LEDs**:High density up to 10,000 dots per square meter, brightness up to 5000 cd/m2, enough to satisfy both outdoor and indoor usage.Large viewing angle,vertical is 120 ° ,horizontal is 140 ° ,great brightness and uniformity,offer a clear,vivid pictures and vision.

2),**DIP LEDs**: High density up to 10,000 dots per square meter, brightness up to 6,5000 cd/m2, enough to satisfy both outdoor and indoor usage.Large viewing angle,vertical is 50 ° ,horizontal is 110,high brightness and anti-UV property.

3,Multi-usage,combined multi-function structure for rental usage, support staking,hanging,mounted in the wall,etc.

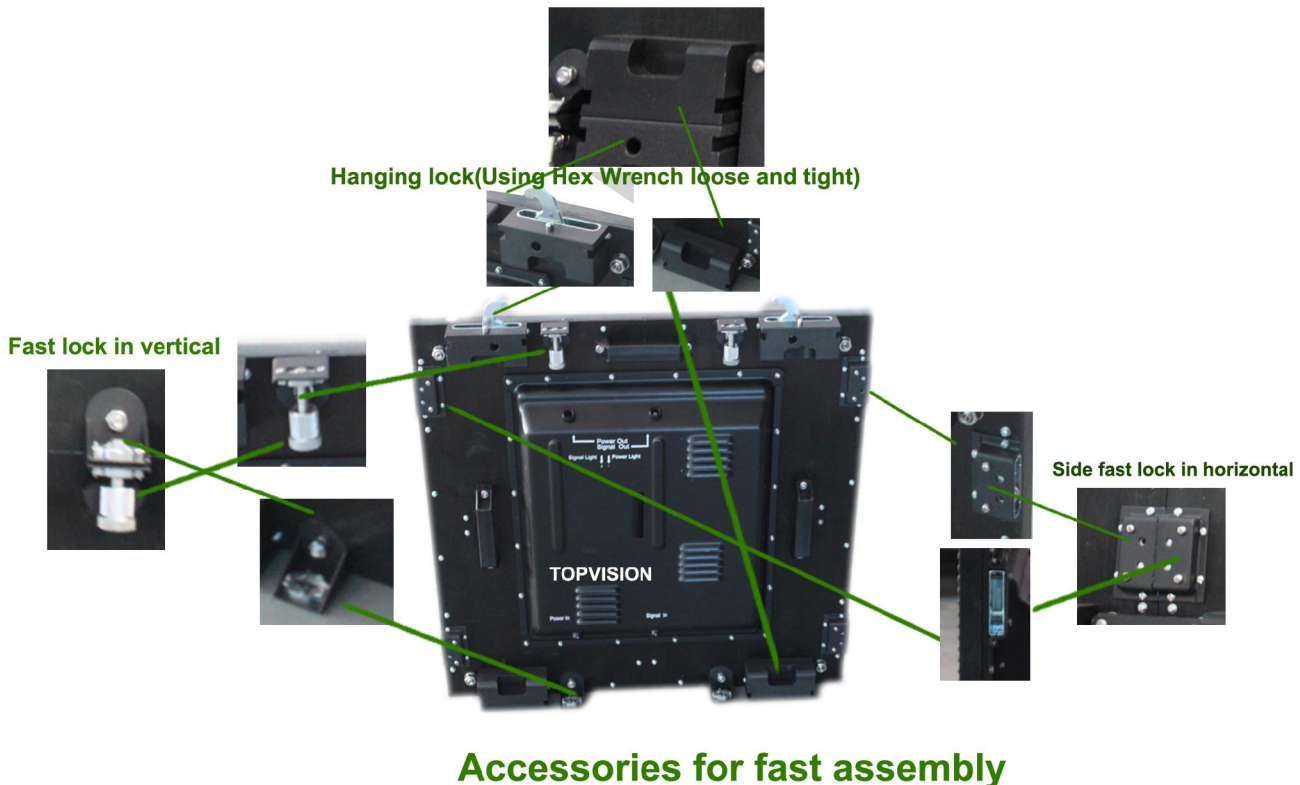
1),**Fast lock in horizontal** ,it is a hook lock,easy to handle manually,fixed the hook and pintle,then two cabinet connected together in horizontal line.

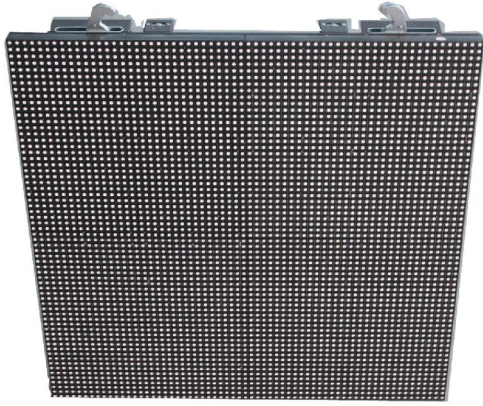
2),**Fast lock in vertical**, the spring pin is also like a lock.First,focus two cabinet in vertical direction,inset the spring pin of the lower cabinet into the hole on the bottom of the upper cabinet,turn the pin in the vertical direction with the hole,then you shunt the pin shape with the hole,two cabinet assembled in vertical.

2),**Handle**,two side handle and top handle design for convenient assembly and moving.

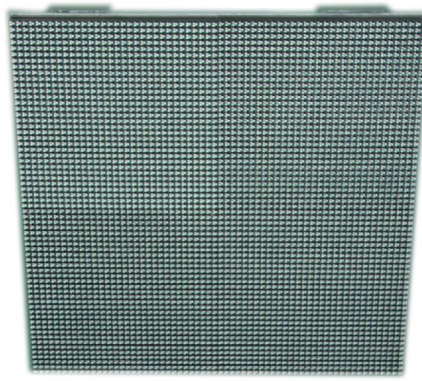
3)**5mm aluminum board**,all modules fixed on the flat aluminum board,it insure the cabinet have a flow flat surface,aluminum is good for heat dissipation,guarantee a good working temperature for LEDs,long the LEDs lifet span.

4 ,Light weight,small size,thin body,standard cabinet size:640mm*640mm*70mm weight:below 30 kg

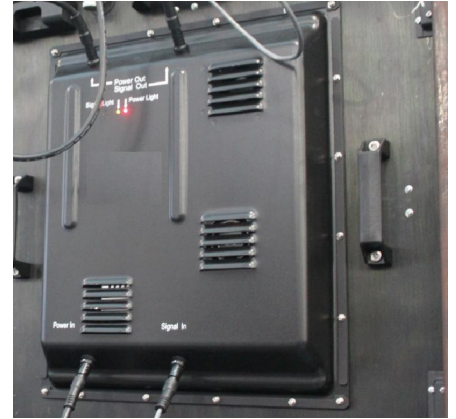




SMD Cabinet



DIP Cabinet

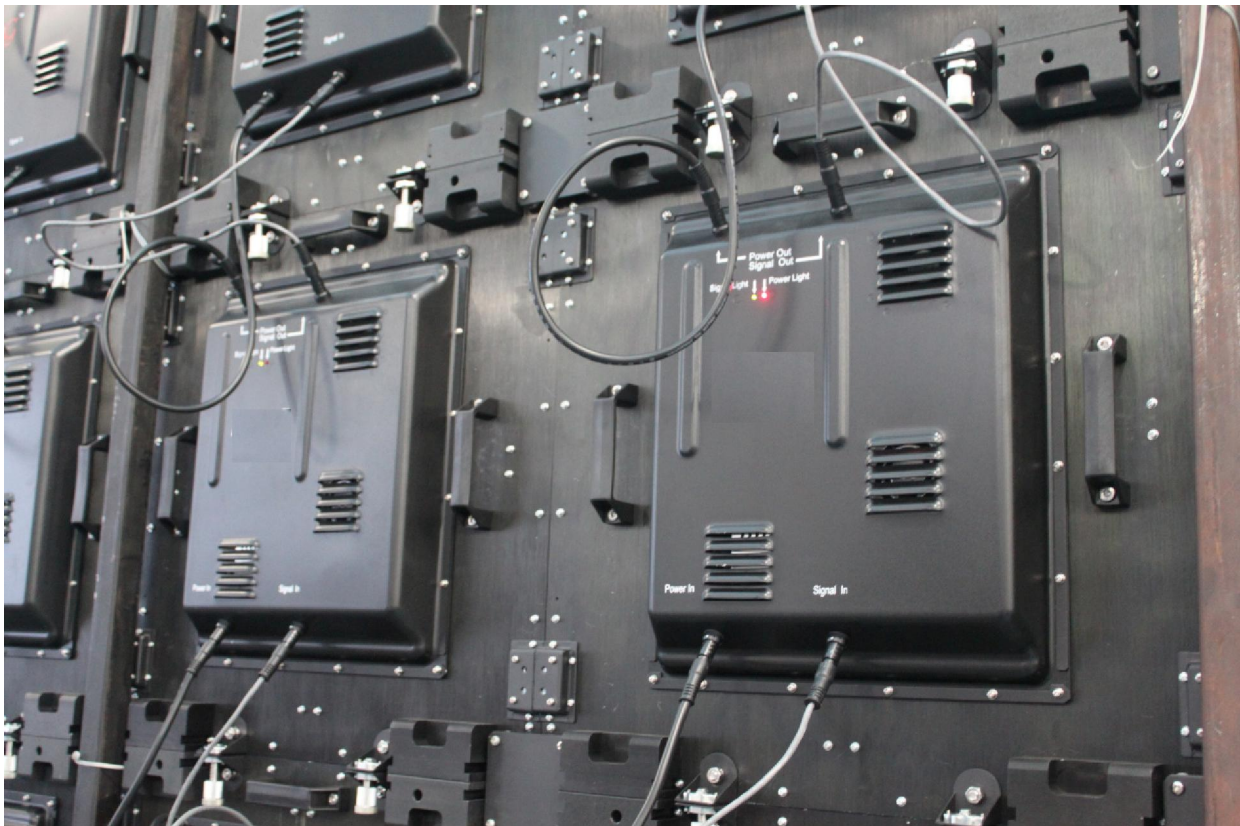


Front

Back

Note: Colors can be changed according your requirment

Display Assembly



1,Cable Connector: Odu (both for outdoor and indoor use)

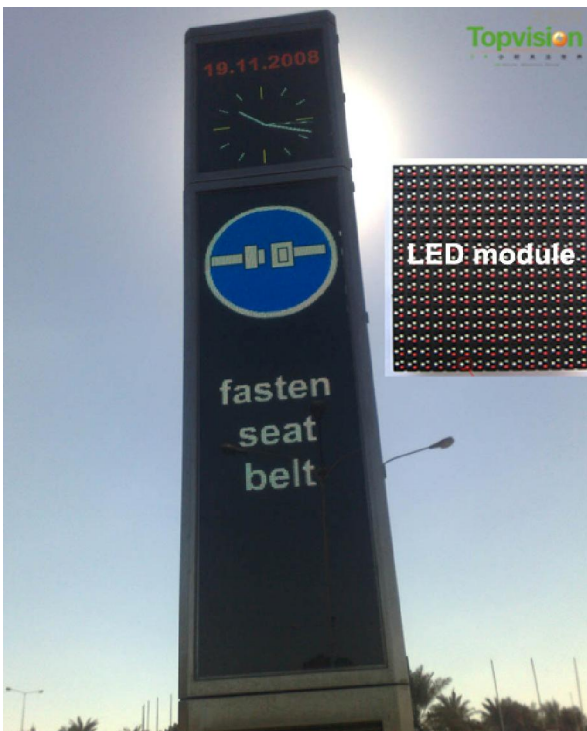
-----Highly durable, fast assembly, imported from Germany

2,Power cables & Flat cables: Jin Longyu (National Free-inspection Quality Product)

-----GB standard with CCC, CE marked



TX10 in the Opening Ceremony of 2011 Shezhen Universiad



DIP cabinet



SMD cabinet