



**SPORTS PERIMETER** LED DISPLAY

# RETOP SP SERIES

## Meet UEFA Requirements



Product design parameters and performance fully meet the UEFA standard requirements.



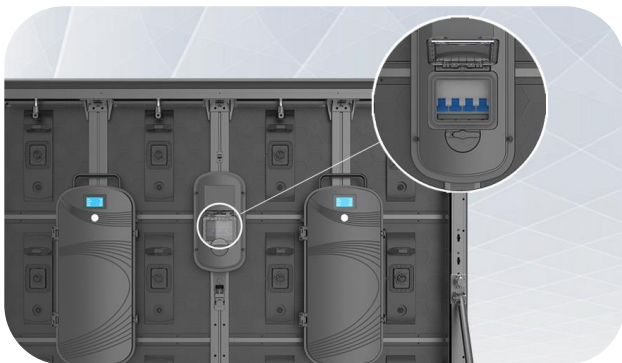
### Adjustable Angle(Optional)

Removable bracket design, support 70° /80° /90° degree adjustable to ensure best viewing sweet spot for TV cameras request.



### Separate Design

Module heating separate from the power heating to prevent superimposed on heat, better lifetime thereafter.



### Safety Operation

Each box with circuit breaker; just power off the single cabinet for service when failure happens on it.

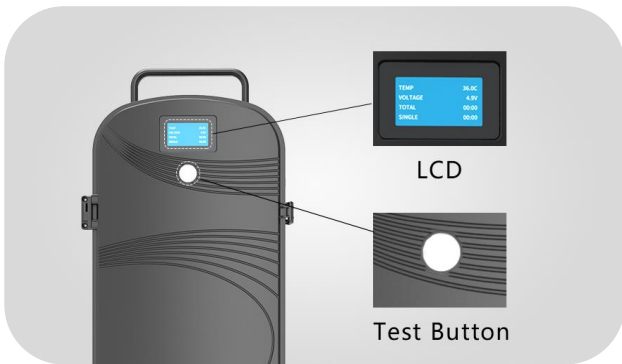


### Foldable Design

In the event of an emergency, people in the stadium can quickly and easily escape by folding down the cabinets.

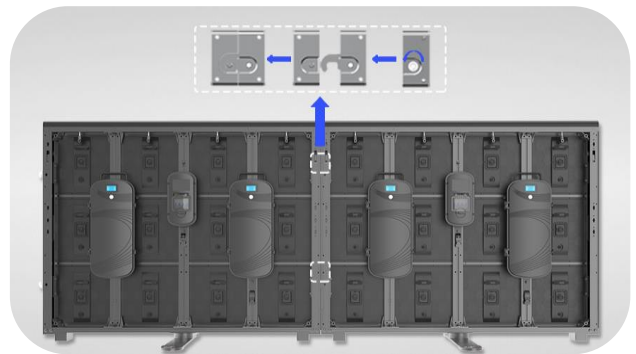


100% sealed module and 100% sealed power box, IP65 on both sides (Front & Rear).



### Display Status Quick Test

Test button on each cabinet, can be used for cabinet display testing, and LCD panel showing status of both power connection and signal connection.



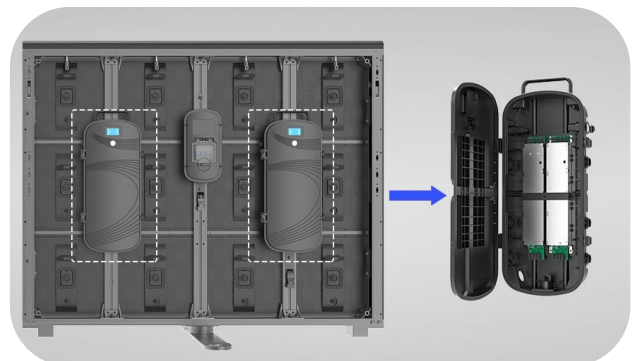
### Quick Installation

With side locks on both sides. Fast connection to save time to finish installation.



### Front & Rear Service

Support to remove the module and other parts from front & rear.



### Dual Power Backup

Support continuous power supply replacement under the case of failure, effectively ensure the stability of the field broadcast. Each one can be back up for the other one.



## Energy Efficient

Using low voltage DC power supply, saving energy consumption of products about 10%.



## Fix Installation & Stadium

When remove the base structure and the anti-collision beam, the cabinet can be used for fix installation through upper locker and bottom lock.



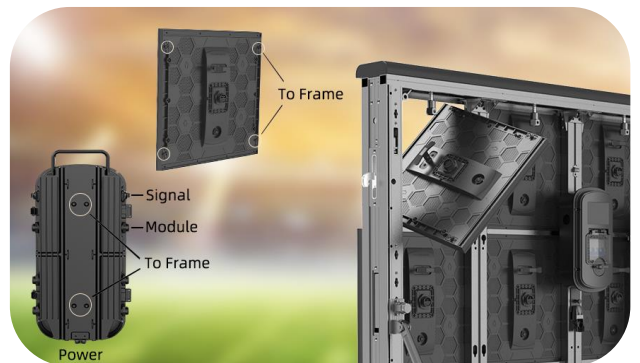
## Anti-UV

The structural components are mixed with UV resistant materials, which can work under sunlight for a long time without discoloration.



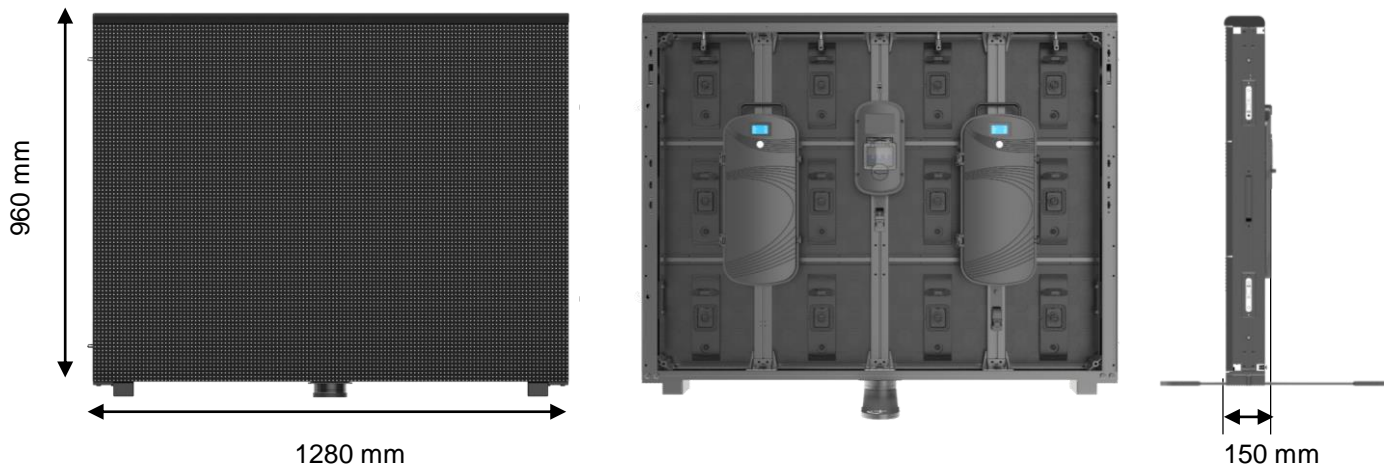
## Soft Louver & Rubber Protection

Anti-collision and soft louvers design, protect athletes from crashing.



## Quick Maintenance

- One module can be replaced within just 10 seconds.
- The power box can be replaced within just 30 seconds.



## Product Specifications

Product	P10
Led Type	SMD 2727
Pixel Pitch(mm)	10
Module Size (mm)	320×320
Cabinet Size (mm)	1280×960×150
Weight (Kg)	50±5%
Brightness After Calibration (Nit)	> 6,000
Max Power Consumption (W/m <sup>2</sup> )	780
Avg Power Consumption (W/m <sup>2</sup> )	250
Refresh Rate (Hz)	3,840
Gray Scale (Bit)	16
LED lifetime (50% Brightness)	100,000hr
EMC	Class A
IP Rating (Front/Rear)	IP65
Service Ability	Front & Rear

## Galleries



Allianz Stadium



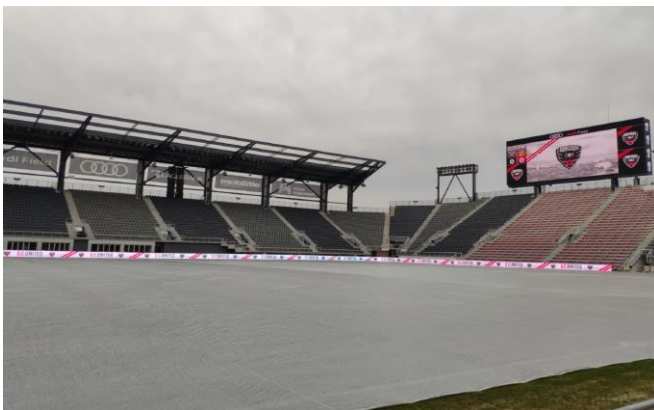
Italian Super Cup, 2011



Nuremberg Football Club



Nice Stadium



Washington Audi Stadium



2012 Stankovic Cup