# LEDsynergy
## electronic displays

## LED Perimeter Displays - Synergy-S10



### KEY FEATURES

- All-in-one panel design that can be used for both of perimeter display and normal rental screen

- Die cast Magnesium Alloy only has 28kg per panel

- Ultra thin only 128mm depth thickness but with 4 fans in each panel ensure better cooling system

- Waterproof structure with retaining cover IP65

- Perfectly ideal for perimeter, high brightness, low weight, low power consumption, and low cost

- Available in the following pixel pitches:  8mm 10mm
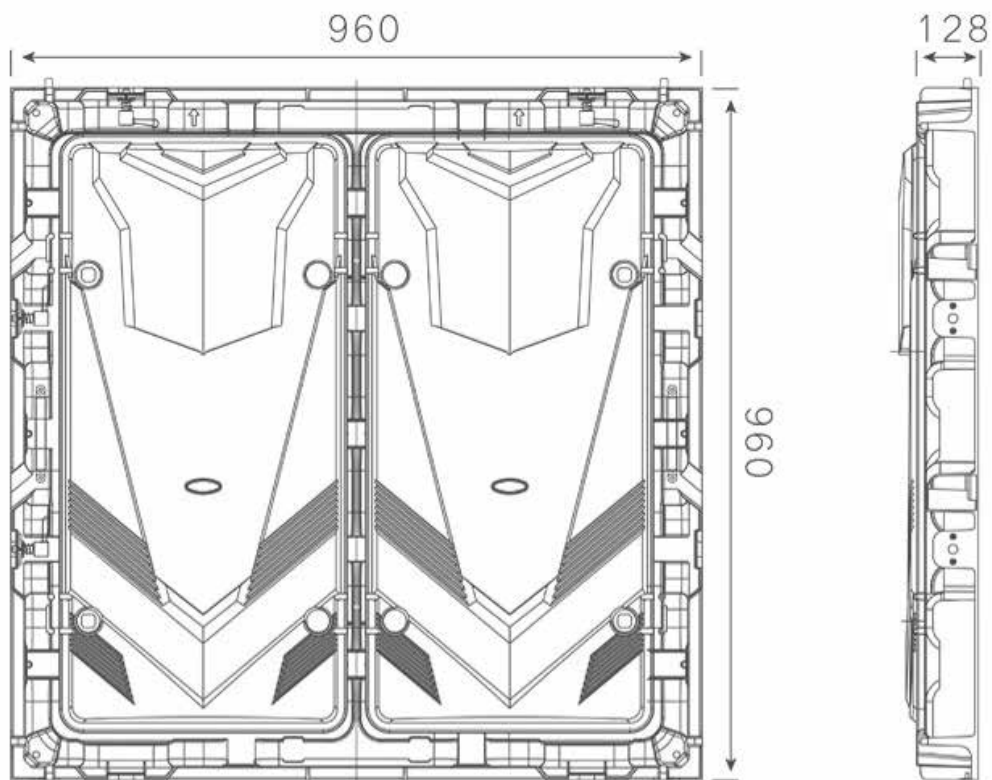
# LED Perimeter Displays

## Product Specification

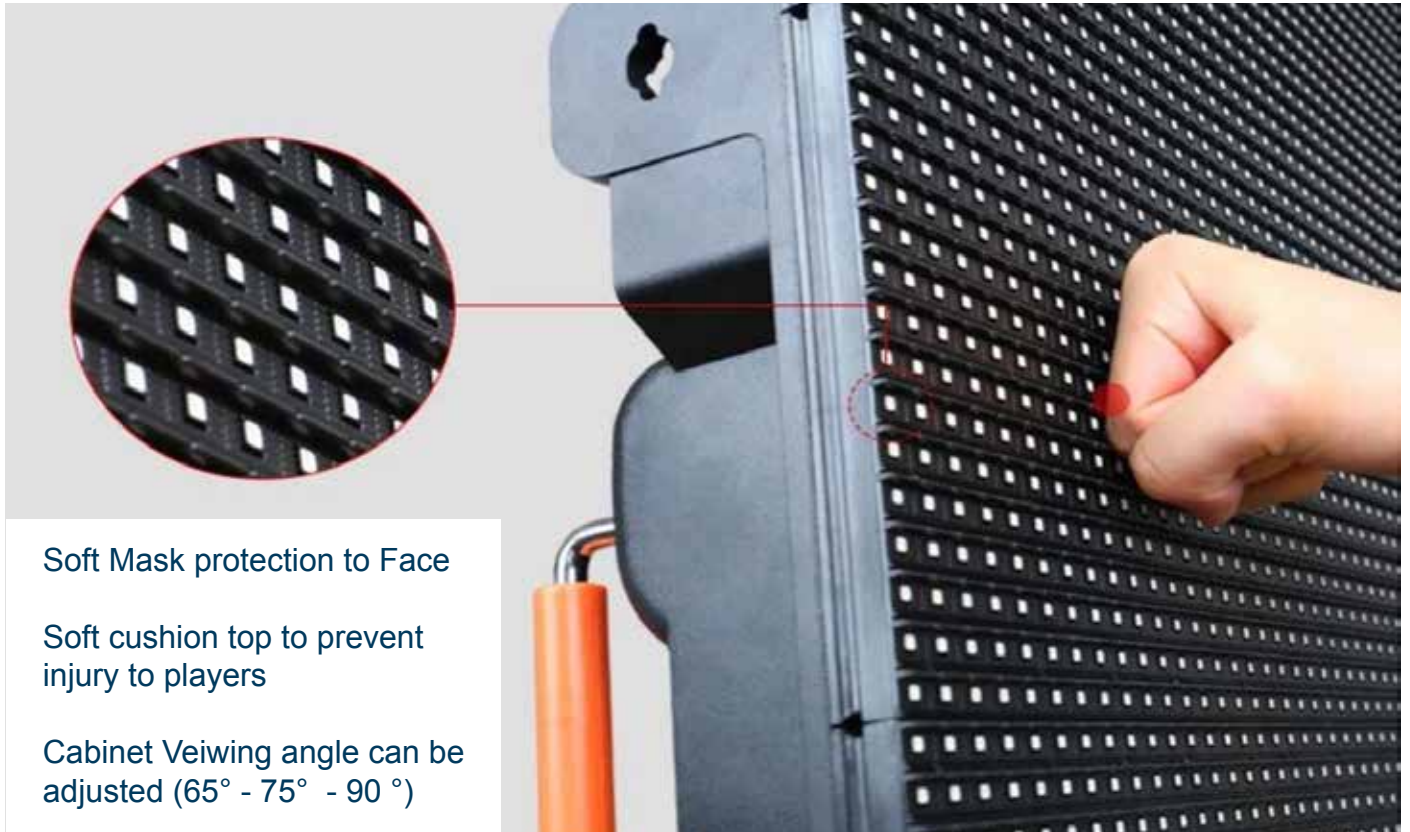| | |
|---|---|
| **Model** | Synergy-S10 |
| **LED Type** | 3-in-1 SMD LEDs |
| **LED Driving Method** | 1/2 dynamic scan |
| **Pixel Pitch** | 10mm |
| **Pixel Configuration** | SMD 3-in-1 LED(1R1G1B) |
| **LED Cabinet Size** | 960 x 960 x 128mm |
| **Net Weight** | 28kg/unit |
| **Power** | AC220/110±10%, 47 ~ 63 Hz |
| **Waterproof** | IP65 |
| **Serviceability** | Rear service |
| **Max. Power Consumption** | ≤860 W/m2 |
| **Avg. Power Consumption** | ≤260 W/m2 |
| **Horizontal Viewing Angle** | 140° |
| **Vertical Viewing Angle** | 140° |
| **Brightness** | 6,500 nits |
| **Certifications** | UL, CE, ETL, ROHS, CCC |
| **Contrast Ratio** | 3000:1 |
| **Operation Temperature** | -20°C ~ +60°C |
| **Opertion Humidity** | 20% to 90% |
| **Lifetime (50% brightness)** | 100,000 hours |
| **Colour depth** | 16 bit |
| **Colours** | 281 trillion |
| **Refresh Rate** | ≥3,840 Hz |
| **Frame Rate** | 60 fps |
| **Brightness Level** | Manually 100 levels, automatically 16 levels |

## Product Specification

### STANDARD PANEL DRAWING



960

128

960

(Unit : mm)



- RGB Colour
- CE Rating
- Low Temperature
- Seamless Construction
- Waterproof IP65
- Easy Maintenance

## Soft Mask Protection



Soft Mask protection to Face

Soft cushion top to prevent injury to players

Cabinet Veiwing angle can be adjusted (65° - 75° - 90 °)

## Assembly and Installation



Fast installation, two easy locks on the top and two on the side.
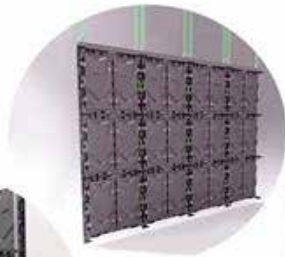Positioning pin on the top, installed by connector

For fast assembly and installation on site there are two easy locks on the top and two on the side.

## Waterproof Design



Double waterproof design will include IP65 connectors and waterproof rubber in vent holes

## Examples of Perimeter Displays