



*Bring Your ideas  
Into Reality*

## Transparent IED Display

### STM Series Design

(10 / 12.5 / 15.6 / 3 1.25mm)

- Module Size: 500\*125 mm
- Cabinet Size: 1000\*1000 mm

# STM Series Design

STM series design is a flexible mesh screen with high transparency, quick installation, easymaintenance, and light in weight, which is suitable for different irregular media facades.

Our pixel pitch can be customized from P10-P31.25mm to meet the different requirements of the application. LED Mesh Curtains have become a popular choice for outdoor building facade, ceiling LED, recreational and sports events, the stage for concerts and bars, Christmas tunnel, Christmas tree decoration, water curtain screen film, decoration lighting, etc.

## STM Series Features

### Right-angled Connection

The edges of each module are designed to be 45 degrees, it is easier to make right-angled connection and realize glasses-free 3D LED display.



### High Transparency: 30%-60%

Buildings behind the screen have better natural lighting. Cabinets are thinner, easy to install.



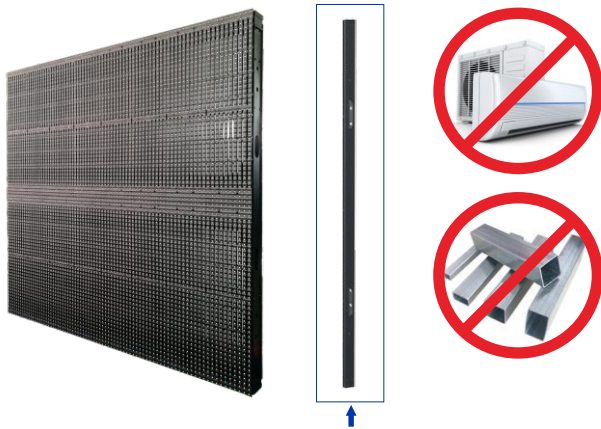
Remove all models      Rotate the control box 180°

### Full Front Installation & Maintenance

STM series can be installed in a variety of outdoor environments because it can be either front or rear installed and maintained.

## IP65/IP54 Waterproof

With IP65/IP54 waterproof, STM series meet the requirements of outdoor working environment.



Stell Structure: 14# Galvanized Channel Steel

## Naked Installation

STM series can be installed naked without cover and air conditioner because of its IP65 waterproof rate and good heat dissipation design. It requirements only a simple steel structure for installation.

## High Reliability

Modular design and batch production.

Modular design, so STM series is more simple and reliable. With better waterproof and heat dissipation performance.

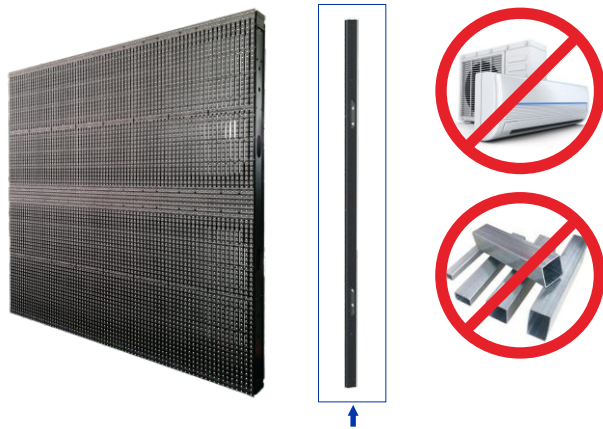


## Energy-saving

Max power consumption: 360W/m<sup>2</sup>  
Avg power consumption: 100W/m<sup>2</sup>  
More energy efficient

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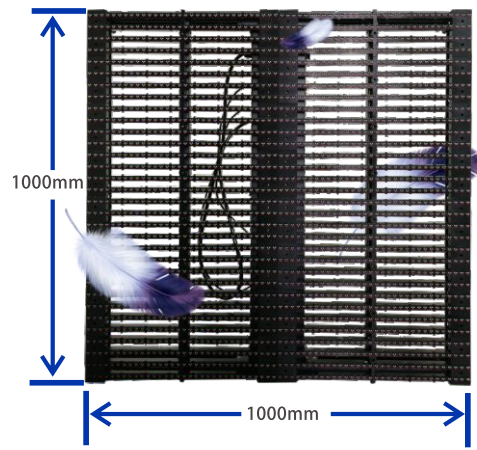


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## Standard Size

Cabinet size is 1000mm\*1000mm and it is exactly one square meter. The screen size can be measured in multiples of one square meter.



## Specification

Parameters	C0307	C0510	C0612	C0715
Pixel Pitch(mm)	3.91x7.81mm(H*V)	5.2*10.4mm(H*V)	6.2*12.5mm(H*V)	7.8*15.6mm(H*V)
LED Configuration	SMD1921	SMD2727	SMD3535	SMD3535
Module Size(mm)	500*125	500*125	500*125	500*250
Module Resolution	128*16	96*24	80*10	64*16
Cabinet Size(mm)	1000*1000*75	1000*1000*75	1000*1000*75	1000*1000*75
Cabinet Resolution	256*128	192*96	160*80	128*64
Cabinet Weight(kg)	19	19	19	19
Transparency Rate	42%	45%	35%	50%
Brightness(cd/m <sup>2</sup> )	5000/8000	6000/8000	6000/8000	7000/8500
Max Power Consumption	800w/m <sup>2</sup>	800w/m <sup>2</sup>	800w/m <sup>2</sup>	800w/m <sup>2</sup>
Avg Power Consumption	230w/m <sup>2</sup>	230w/m <sup>2</sup>	230w/m <sup>2</sup>	230w/m <sup>2</sup>
Refresh Rate	3840Hz	3840Hz	3840Hz	3840Hz
IP Rating(Front/Rear)	IP65/IP54	IP65/IP54	IP65/IP54	IP65/IP54
Installation Type	Front/Back	Front/Back	Front/Back	Front/Back
Maintenance Type	Front/Back	Front/Back	Front/Back	Front/Back

Parameters	C1010	C1212	C1515	C1531D
Pixel Pitch(mm)	10.4*10.4mm(H*V)	12.5*12.5mm(H*V)	15.6*15.6mm(H*V)	15.6*31mm(H*V)
LED Configuration	SMD2727	SMD3535	SMD3535	DIP346
Module Size(mm)	500*125	500*125	500*250	500*250
Module Resolution	48*12	40*10	32*16	32*8
Cabinet Size(mm)	1000*1000*75	1000*1000*75	1000*1000*75	1000*1000*85
Cabinet Resolution	96*96	80*80	64*64	64*32
Cabinet Weight(kg)	19	19	19	19
Transparency Rate	45%	35%	50%	56%
Brightness(cd/m <sup>2</sup> )	5500/8000	6000/8000	7000/8500	8000/10000
Max Power Consumption	800w/m <sup>2</sup>	800w/m <sup>2</sup>	800w/m <sup>2</sup>	360w/m <sup>2</sup>
Avg Power Consumption	230w/m <sup>2</sup>	230w/m <sup>2</sup>	230w/m <sup>2</sup>	100w/m <sup>2</sup>
Refresh Rate	3840Hz	3840Hz	3840Hz	3840Hz
IP Rating(Front/Rear)	IP65/IP54	IP65/IP54	IP65/IP54	IP65/IP54
Installation Type	Front/Back	Front/Back	Front/Back	Front/Back
Maintenance Type	Front/Back	Front/Back	Front/Back	Front/Back

