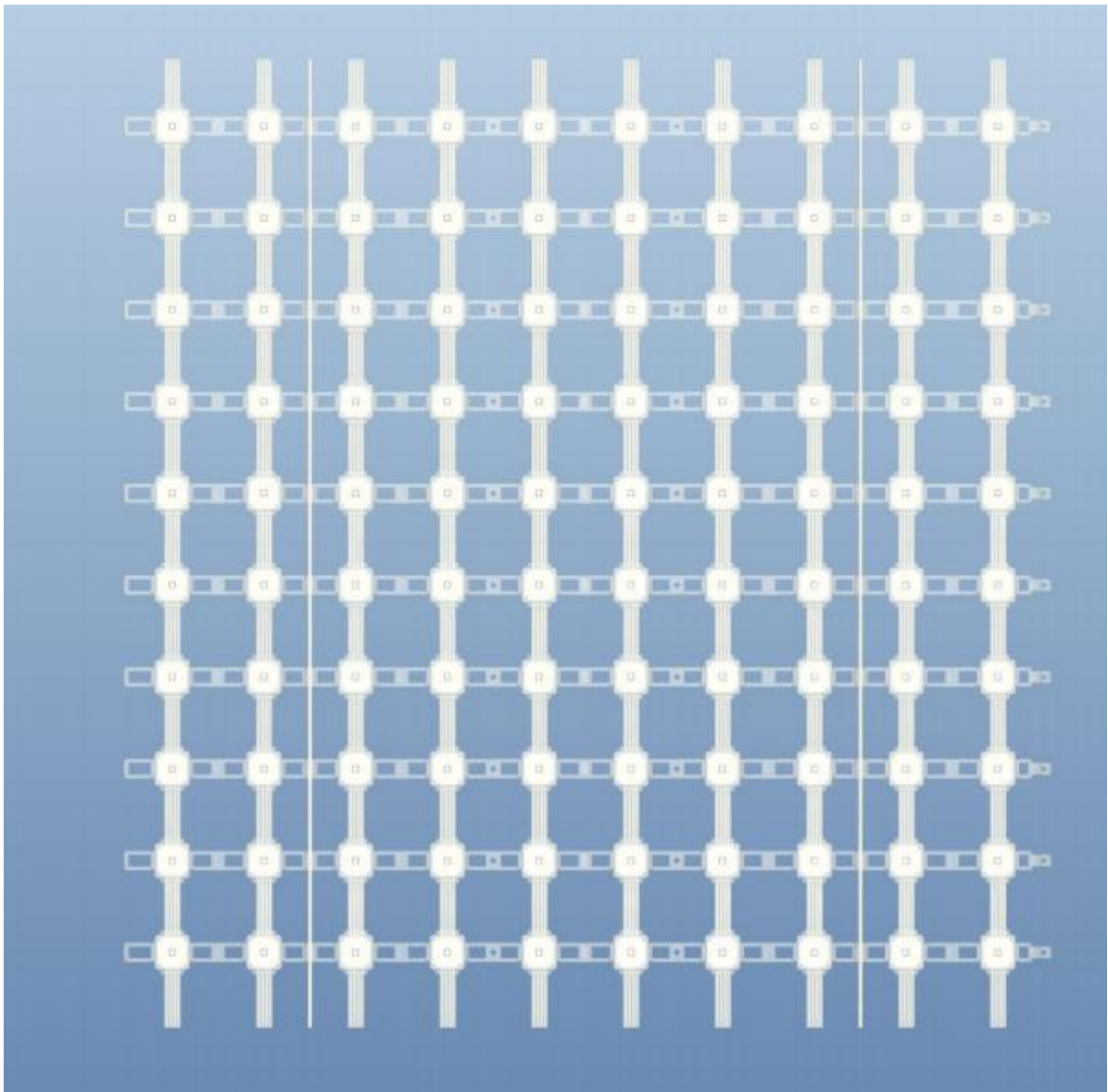


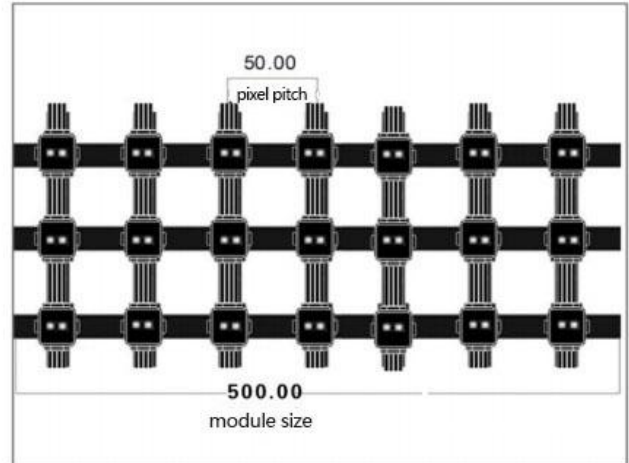
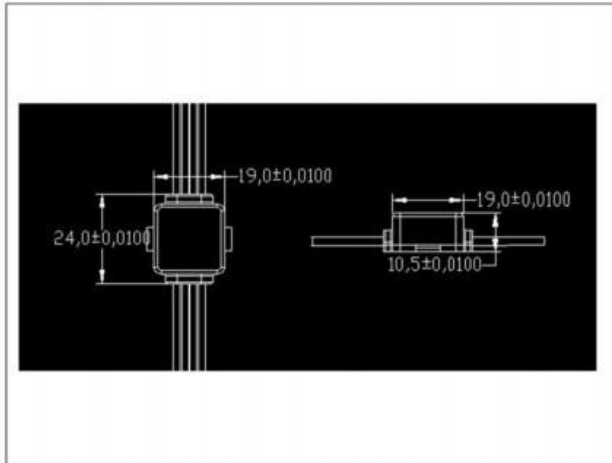
# Mesh LED Screen

## Product Manual



## Product Description

### Physical size



Innovative mesh LED screen, high transparency, ultra-lightweight, fast installation and easy to maintenance. High grayscale 16bit, waterproof rating IP67, suitable for long-term outdoor building facades and dynamic lighting projects, and can be flexibly transformed into irregular screens such as circular triangles and arches.

## Features

1. Ultra-light weight, greatly reducing the weight of the building, simple steel structures can build large-scale media facades.
2. Waterproof rate IP67
3. Lower power consumption and lower working costs.
4. Transmittance is as high as 90%, making the screen look transparent without affecting the lighting effect of the building.
5. High elasticity, can cover various irregular structures.
6. Simple and versatile installation methods, mounting, hanging, etc.
7. Qualified materials, UV resistant, low temperature resistant, fire resistant, and extreme weather resistant.

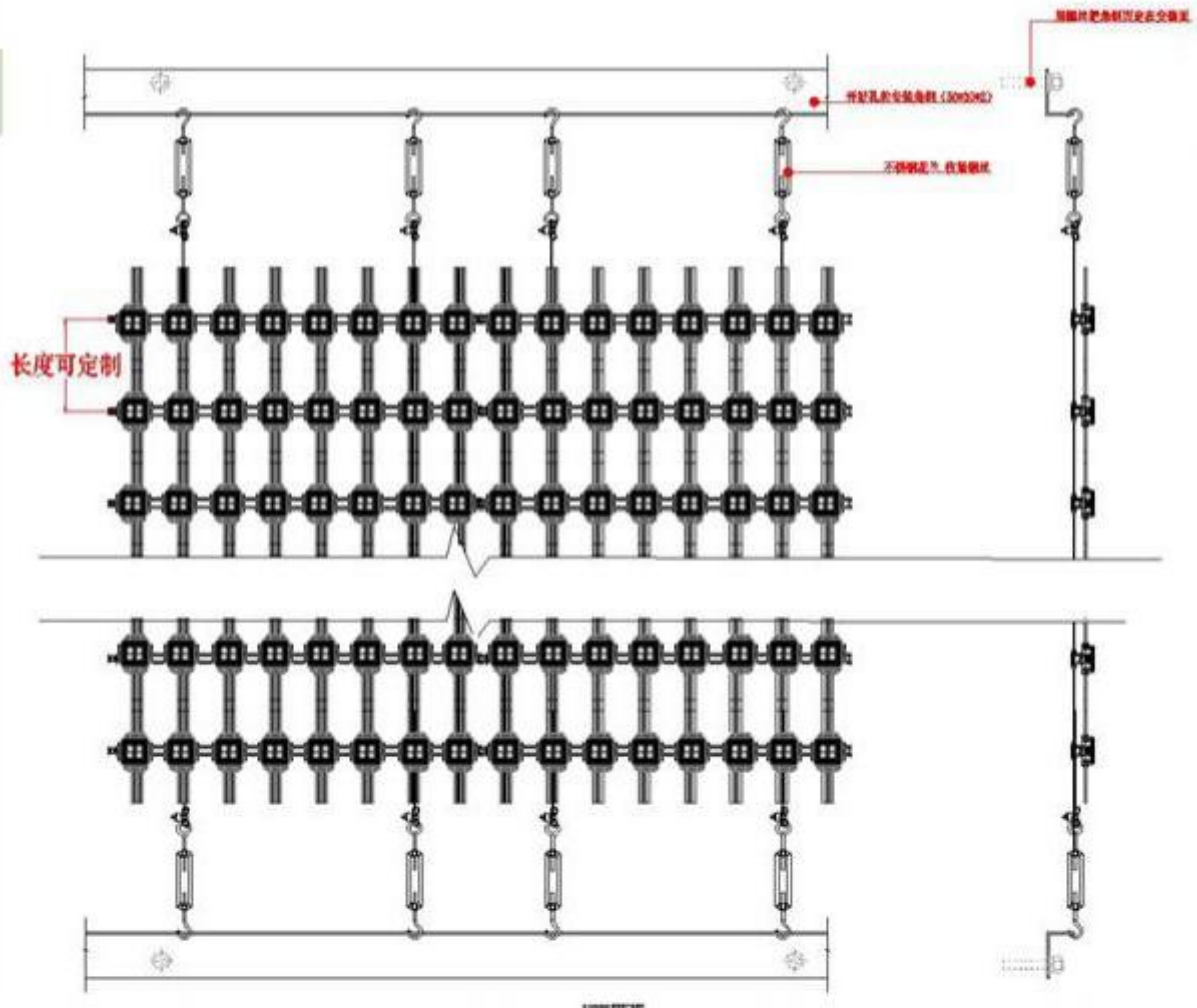
## Useage

1. Irregular media facades such as arches, spheres, etc.
2. Art media facade, mesh LED screen
3. Stages, concerts, shopping malls.
4. Landscape lighting project

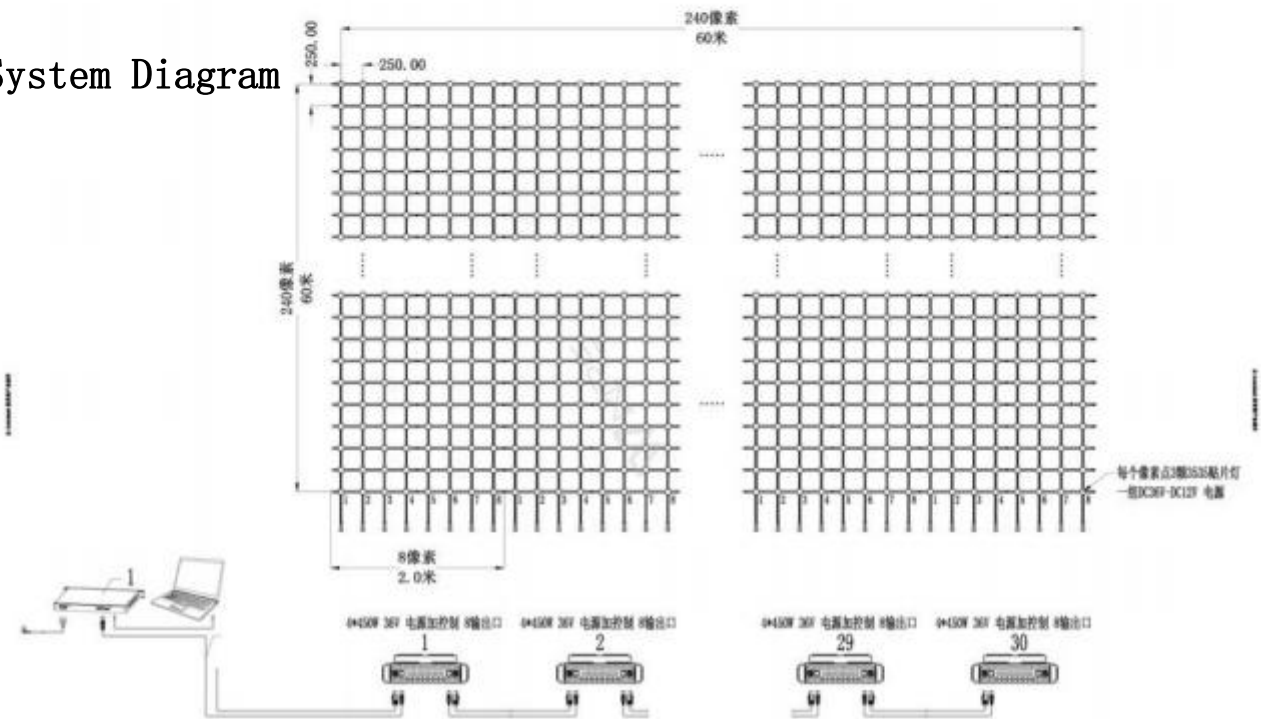
## Technical Parameters

Specifications and Model	P41.7	P62.5	P83.3	P100	P150	P50
Point size	Φ19					
Type of light source	SMD3535					
Light source angle	120°					
Pixel composition	2RGB					
Spacing	41.7	62.5	83.3	100	150	50
Pixel density	576 dot/m <sup>2</sup>	256 dot/m <sup>2</sup>	144 dot/m <sup>2</sup>	100 dot/m <sup>2</sup>	50 dot/m <sup>2</sup>	400 dot/m <sup>2</sup>
Grayscale	12BIT					
Brightness	3000CD/m <sup>2</sup>	1500CD/m <sup>2</sup>	800CD/m <sup>2</sup>	500CD/m <sup>2</sup>	250CD/m <sup>2</sup>	2000CD/m <sup>2</sup>
Permeability	68%	75%	85%	90%	95%	72%
Frame change frequency	60FPS					
Refresh frequency	4000Hz					
Input voltage	DC12V					
Maximum power	300W/m <sup>2</sup>	150W/m <sup>2</sup>	100W/m <sup>2</sup>	50W/m <sup>2</sup>	25W/m <sup>2</sup>	200W/m <sup>2</sup>
Weight	5.5kg/m <sup>2</sup>	3.5kg/m <sup>2</sup>	2.5kg/m <sup>2</sup>	1.4kg/m <sup>2</sup>	1.2kg/m <sup>2</sup>	4.5kg/m <sup>2</sup>
Protection level	IP55					
Fire-proof level	V0					
Concatenated pixels	380 px	260 px	220 px	180 px	160 px	320 px
Concatenated length	6 m	12 m	16 m	20 m	32 m	8 m

# Installation Diagram



# System Diagram



60\*60 米 间距250mm