

MicromESH

Semi-transparent, bendable LED mats



Key Features

- **Innovative:** Breakthrough zero-code technology
- **Lightweight (2kg/m²):** Effortless to install and move, saving time and money
- **Thin (1-3mm):** Seamlessly integrates with glass and other surfaces
- **Up to 90% Transparency:** Delivers an unobtrusive, fully transparent display experience
- **Outstanding Image Quality:** Delivers a clear, vibrant image with a brightness range of 800-5000 cd/m² and a wide viewing angle of $\geq 160^\circ$ horizontal and $\geq 140^\circ$ vertical
- **Reliable and Efficient:** Robust power supply and control system ensure $\geq 10,000$ hours of trouble-free operation with an LED chip failure rate of $\leq 1/10,000$
- **Transparent and Interactive:** Our transparent screen allows for interactive experiences, seamlessly blending digital content with the real world. ent Update by CMS Server

MicromESH
Flexibel



MicromESH
Transparent



Specifications

Pixel Pitch	3.5mm - 20mm
Display Thickness	1 - 3mm
LED chip	SMD1515 SMD2020
Module Size	1500*250mm
Power consumption	Average: 200W/m ² ; Maximum: 600W/m ²
Screen Weight	3kg/m ²
Power Supply Brand	YUANCHI
Transparency Rate	>70% - 90%
IP Rating	IP45
Average Lifespan	≥100,000 operating hours
Power Requirements	110 - 220V ±10%; AC50/60HZ
Screen Brightness	800 - 5000cd/m ²
Viewing Distance	Clear image visible at 3m - 250m distance
Viewing Angle	Horizontal ≥160°, Vertical ≥140°
Gray Level	≥16 bit
Color Temperature	5500K-15000K (adjustable)
Driving Method	Static
Attenuation Rate	Less than 0.05% in 2 years
Refresh Rate	≥3840HZ
Frame Rate	≥60HZ
Trouble-Free Operating Time	≥10,000 hours
Led chip Failure Rate	≤1/10,000
Control System	Colorlight/Novastar
Operating Environment	-10~+65 °C
Installation Method	Adhering to glass, Hanging installation, fixed installation. Support arbitrary size cropping and bending