Magic Blanket
Elevating Visual Displays

Unlock endless possibilities with the LED Magic Blanket – the future of visual displays.From sports fan support to event backdrops, it redefines visual experiences.
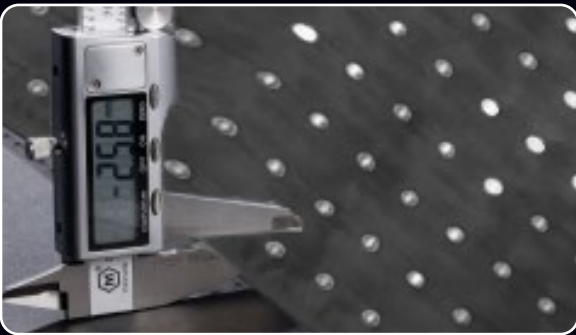
- Foldable
- lightweight
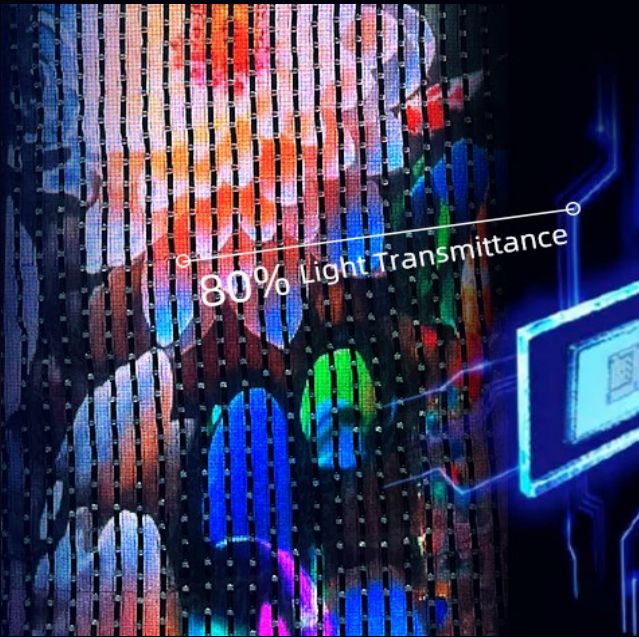- RGB LED lights
- Custom size
- Portable Power interface

Magic Blanket Specification

Pixel Pitch	P15	P20	P30
Size	960 * 1440mm / 1200 * 1700mm / Customized		
Fabric Material	Polyester (Customized optional)		
Humidity	relative humidity≦ 60%		
Brightness	1800cd/m²	1000cd/m²	500cd/m²
Color	Full color		
Grayscale level	16bit		
Output voltage	DC5V (DC12V optional)		
Supported video formats	MP4 / RMVB / MKV / AVI		
Power supply method	Battery (Power supply / Power bank optional)		
Control system	433 control / Onbon		
Operating temperature	0 ~ 50℃		
Storage temperature	5℃ ~ 30℃		
Usage environment	Indoor (Outdoor optional)		

Package Information (for reference)

Pixel Pitch	P20	P20
Size	960 * 1440mm	1200*1700mm
Carton Box Size /pcs	38.5*28*9cm	46*35*11cm
Gross weight / pcs	1.9kg	4kg

Light and thin

Thickness: **7mm**

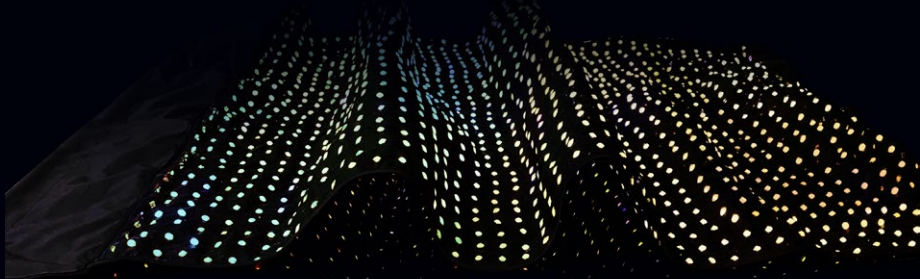Weight:**1.2KG/㎡**

80% Light Transmittance

High-Transparency
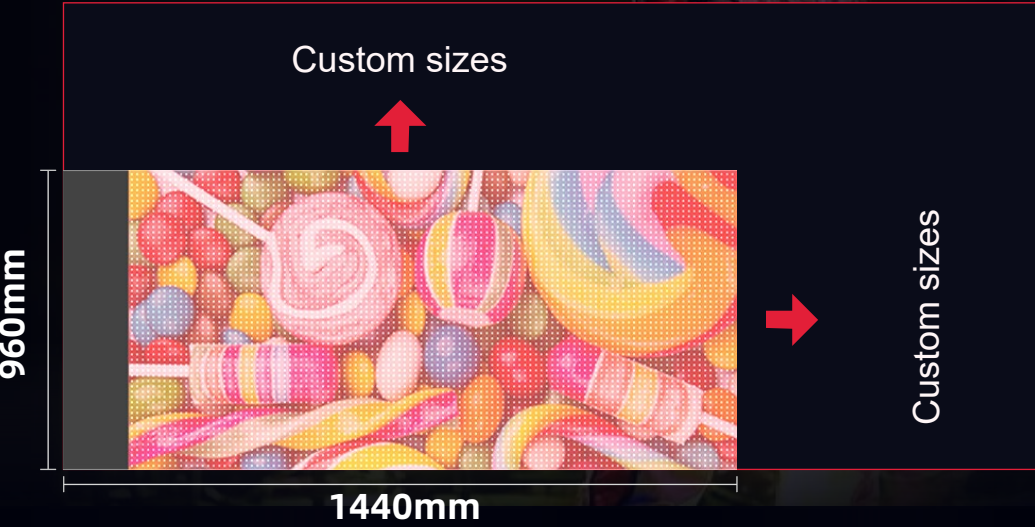Made with high-transparency mesh material offering up to 80% transparency.

Flexibility:
Soft as cloth, adapts to various surfaces, easy to transport.

Customizable single piece size

0.96x1.44m, 1.2x1.7m, and custom size ensuring versatility.

Custom sizes

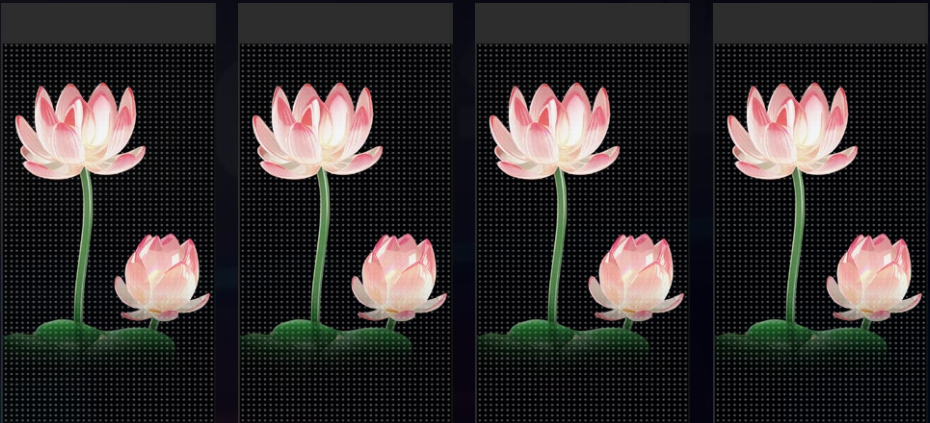Custom sizes

960mm

1440mm

Control method:

Single-piece control: Easily control one device through a user-friendly app.
Multi-pieces control: It supports the linking of multiple contents, which can be played independently on multiple screens or cascaded into a complete large screen.

TF

APP/PC/WiFi+4G
ONBON

433Controller/USB

Multi-pieces Splicing Technology

Equipped with multi-screen splicing capabilities in all directions—top, bottom, left, and right—it creates stunning, immersive visual effects.
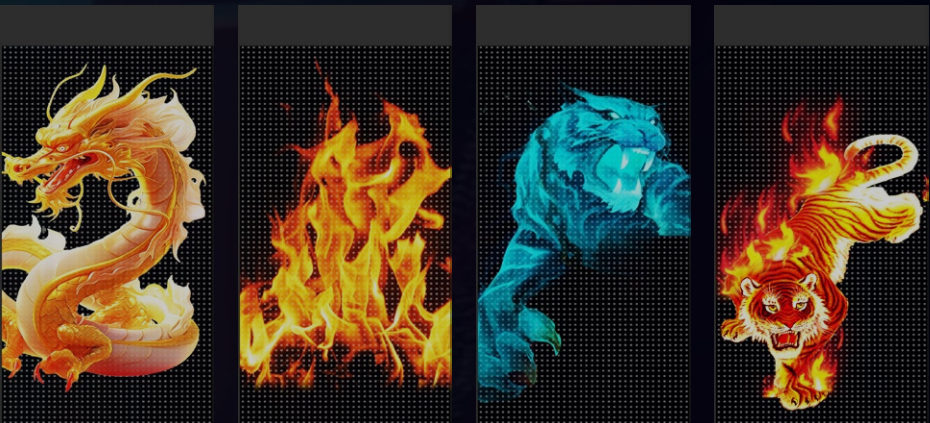
Multi-screen splicing

Diverse content presentation

When controlling multiple Magic Blanket screens, the same content can be played simultaneously, or different content can be played independently.
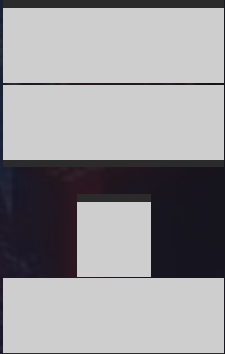
（Multi-pieces Synchronized Playback）

（Multi-pieces Independent Playback）

Fine Visuals

Magic Blanket can achieve 16 bits, with more delicate images, higher brightness, and the ability to capture more color details.
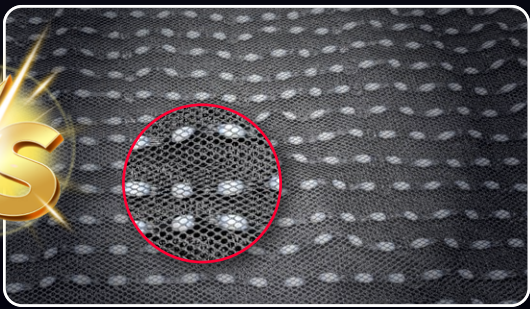
8bits

16bits

Patented Alignment Technology

Large computer-controlled sewing equipment is used to precisely fix the LED light strip channels to ensure even alignment. Compared with traditional gluing methods, sewing fixation is more accurate and efficient.

VS

Fixed light troughs
Screens are neatly arranged

Traditional glue coating
Lamp beads are arranged unevenly