MUXWAVE
Holographic Invisible Screen

Set up a breathtaking transparent LED screen in minutes and light up every scene with floating AR magic.

MUXWAVE LED Transparent Display Unit

Core Technology, World's First Innovation

Flexible Configuration, Versatile Application

Transparent & Invisible, Blending into the Environment

Rapid Splicing, Efficient Delivery

Naked-Eye AR, Stunning Visuals

Outstanding Image Quality, Stable & Vivid Performance

P Series LED Transparent Display Unit

Featuring a sleek three-sided frameless design, the MUXWAVE LED transparent display unit allows seamless left-right splicing and rapid deployment of large transparent display setups. Combining ultra-high image clarity with true invisibility, it brings to life mesmerizing naked-eye AR floating visuals in any space. With flexible modular splicing to fit diverse sizes, it is the ultimate mobile transparent display solution for brand showcases, exhibitions, retail environments, and commercial media.

Multiple Patents and Quality Certifications

- **Patents for Invention**
  73
- **Utility Models**
  62
- **Software Copyrights**
  15
- **Appearance Patents**
  16

- **International Patents**
  25
- **Shenzhen Standard**
- **National High-Tech Enterprise**

- MXW is recognized as Specialized, Refined, Differential and Innovative Hi-tech Middle and Small-sized Enterprises of Guangdong Province .

- **Intellectual Property Statement**
  As of July 2024, chip design and carrier boards of MXW holographic invisible screens, electronics, structure and software of hard and flexible screens have been protected by more than 40 domestic and foreign patents, including patent for invention.

The Industry's Only
From IC design to finished product manufacturing, fully automated production across the entire industry chain

Rapid Splicing, Efficient Delivery

Featuring a modular integrated design and an original three-point quick-lock structure, the setup of a large-sized, three-sided frameless transparent screen can be completed in just a few minutes.

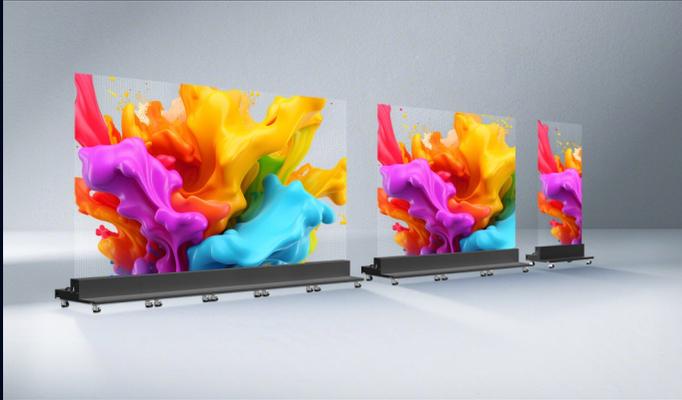## Transparent & Invisible, Blending into the Environment

The innovative display panel enables a large-sized seamless structure and becomes perfectly invisible when the screen is turned off. It does not block light or sightlines, naturally integrating into the spatial environment.

Core Technology, World's First Innovation

Backed by 15 years of semiconductor R&D expertise, it adopts self-developed driver chips and pioneers the world's first LED holographic invisible screen.

Flexible Configuration, Versatile Application

It supports single-unit operation or seamless splicing of multiple units, easily adapting to various commercial and display spaces of large, medium, and small sizes.
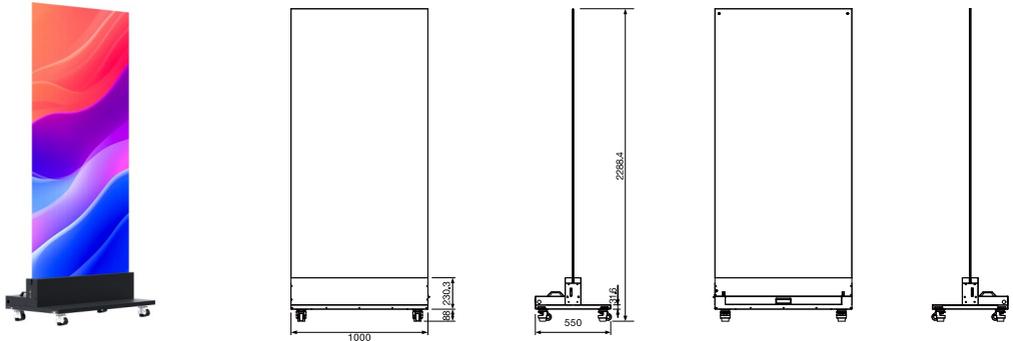
Naked-Eye AR, Stunning Visuals

It presents the effect of spatial floating images and quickly creates a naked-eye AR visual scene with ultra-strong impact.

Outstanding Image Quality, Stable & Vivid Performance

The integrated LED-driver static driving display technology delivers high-definition, stable, delicate, and rich color performance.

Specifications

Model	P3-2
LED Specification	2121
Pixel Pitch (mm)(horizontal / vertical)	3.91-3.91
Pixel Density(dot/m²)	65536
Transparency Rate	95%
Viewing Angle	Horizontal: 140°, Vertical: 140
Display Dimension (mm) (w*h)	250x2000
Resolution (dot) (w*h)	64x504
Profile Dimension (mm) (w*h)	1000x550x2288
Overall Resolution (dot) (w*h)	256x504
Weight (Kg/set)	83
Brightness(cd/m²)	≥1700(Black Body)
Maximum Power Consumption (w/m²)	692
Average Power Consumption (w/m²)	332
Color Temperature(K)	3000~10000
Scanning Mode	Static Driving (Single Pixel Single Control)
Frame Rate(Hz)	60~120
Lifespan	≥100,000.00 hours
Pixel Configuration	16bit
Input Voltage	AC100~240V 50/60 Hz
Working Voltage for Module	DC 4.2V ± 0.2V
Working Temperature	Temperature -20℃~50℃
Working Humidity	Humidity: 20% -85% (Without Condensation)
Storage Temperature	Temperature -20℃~60℃
Storage Humidity	Humidity: 10% -85% (Without Condensation)
Protetion Degree	IP 20
Installation Method	Floor Standing
Installation Environment	Indoor
Packing Way	Determine According to the Number of Projects.

Statement: The relevant parameters in the table are subject to real-time update, and the data is for reference only.

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