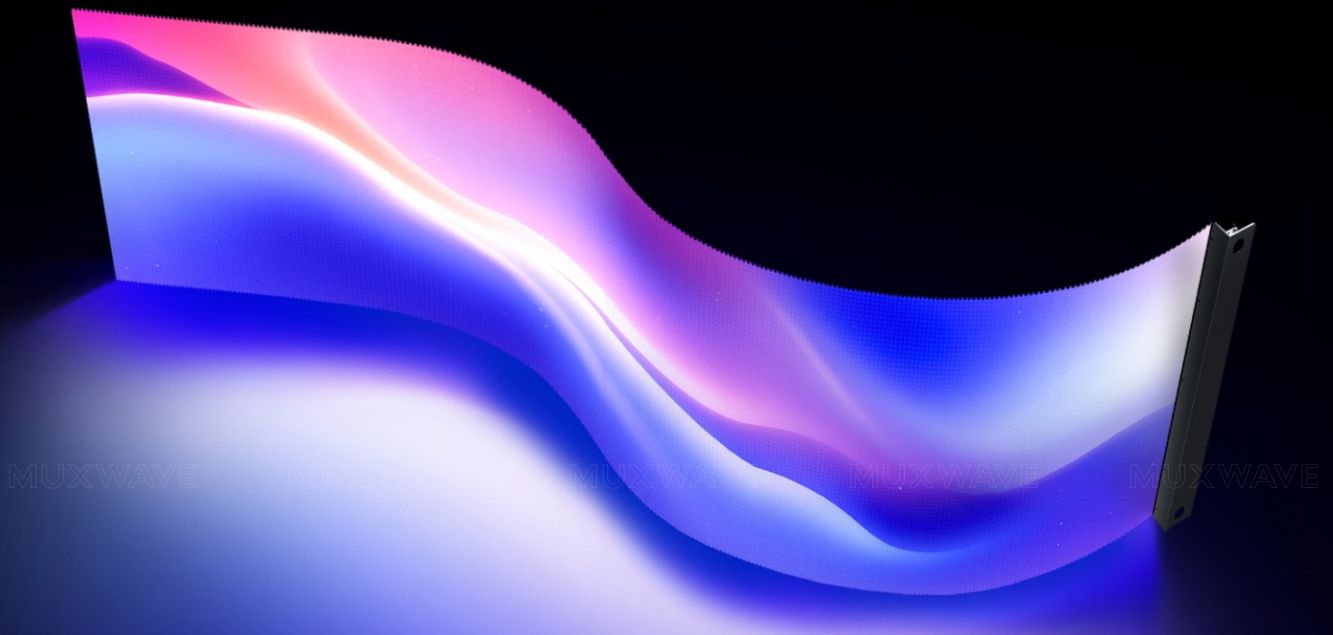





MUXWAVE
Holographic Invisible Screen




Invisible Realm, Truer Visions


U Series

Global First Holographic Invisible Display 

Visual Miracle of Seeing Images Without the Screen 

Cinema-Grade HD Stable Image Quality 

Naked-Eye AR Floating Visual Effects 

Intelligent Calibration, Maintenance-Free 

Flexible & Cuttable, Versatile Adaptation 

Ultra-Light & Ultra-Thin, Boundless Applications 

Ultra-Simplified Integrated Design 

U Series

The U-Series LED Holographic Invisible Screen redefines the integration of space and display. Adopting an innovative display panel, it ensures over 90% sensory transparency while achieving large-size, seamless, and structure-free full-screen invisible display. The screen does not alter the transparency of glass or spatial permeability, nor block light and sightlines, seamlessly integrating with various transparent media such as building curtain walls and commercial windows. When display is needed, the screen can be instantly activated to present high-definition image quality and naked-eye AR effects. Equipped with high brightness and high contrast display characteristics, combined with precise pixel control, it delivers a stunning spatial floating image experience, seamlessly interweaving digital content with the real environment. It opens up unprecedented visual storytelling possibilities for commercial exhibitions and architectural spaces.

Multiple Patents and Quality Certifications

Patents for Invention	Utility Models	Software Copyrights	Appearance Patents
81	72	19	19

International Patents	Shenzhen Standard	National High-Tech Enterprise
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26



MXW is recognized as a National-level Specialized, Refined, Characteristic, and Innovative "Little Giant" Enterprise.



Intellectual Property Statement

As of July 2025, 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 50 domestic and foreign patents, including patent for invention.

**From IC design to finished product manufacturing,
fully automated production across the entire industry chain**





◆ Global First Holographic Invisible Display

The screen is as transparent as nothing when turned off, with sensory transparency exceeding 90%. It maximizes spatial lighting and visibility, achieving perfect coexistence of display and environment.



◆ Visual Miracle of Seeing Images Without the Screen

The innovative display panel enables large-size, seamless and structure-free splicing, with the screen's transparent ratio over 95%. Images appear to float in the air, breaking the boundary between reality and digital.



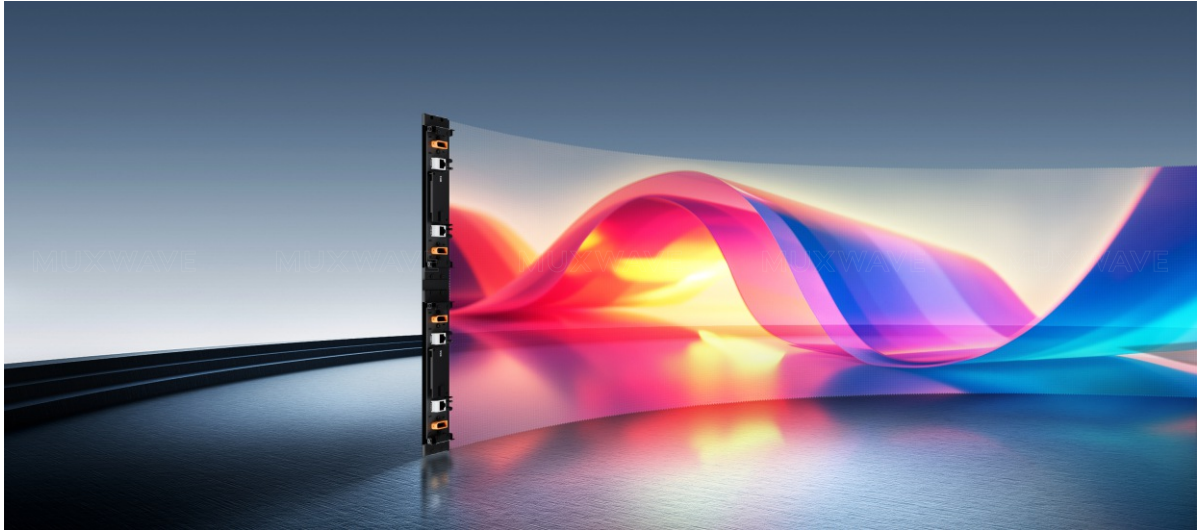
◆ Cinema-Grade HD Stable Image Quality

Adopting vertical and horizontal equal-pitch pixel arrangement and integrated lamp-driver static driving technology, combined with 16-bit high grayscale level, it presents rich and delicate colors with flicker-free and jitter-free HD stable images.



◆ Naked-Eye AR Floating Visual Effects

Directly delivering spatial floating image effects, it creates a stunning naked-eye AR visual feast, immersing audiences in the shocking scene of virtual-real integration.



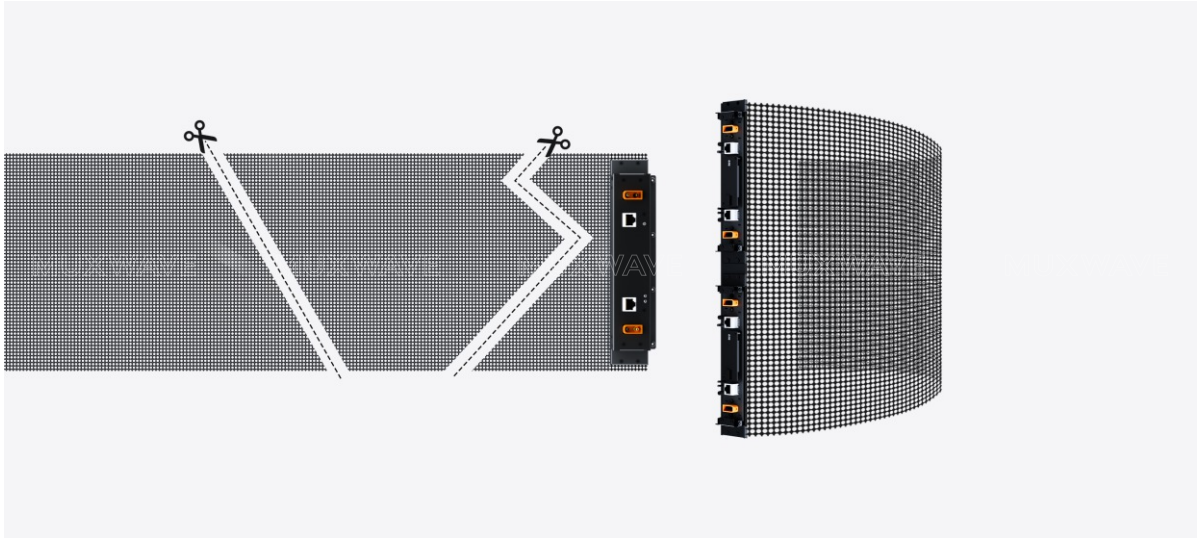
◆ Ultra-Simplified Integrated Design

Display modules, receiving cards and HUB boards are highly integrated, with power and signal interfaces featuring integrated quick connection. It greatly simplifies the installation process and improves maintenance efficiency.



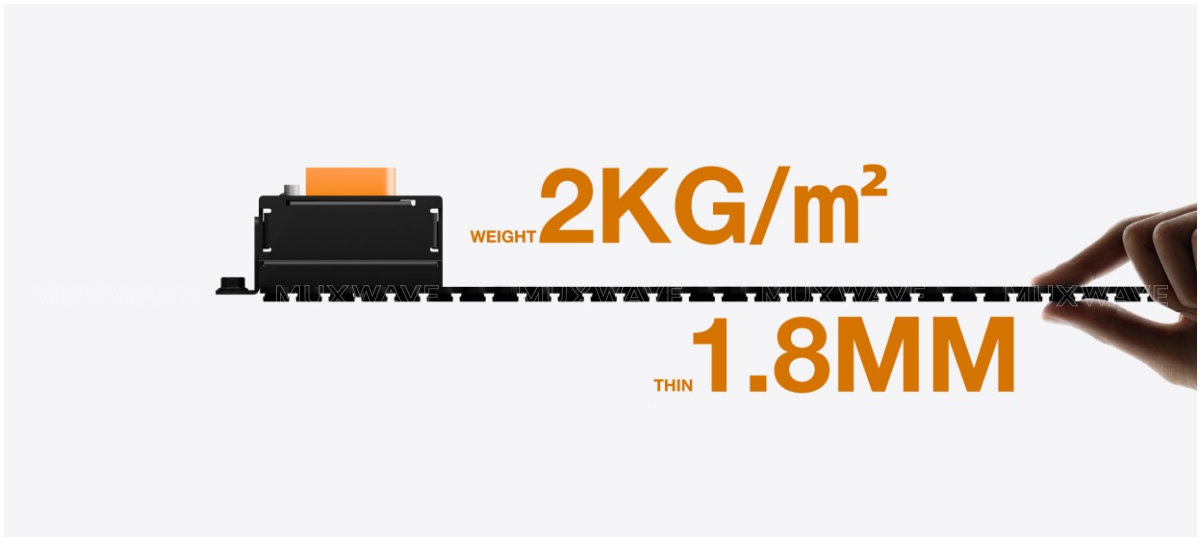
◆ Intelligent Calibration, Maintenance-Free

Built-in FLASH chip can automatically store and intelligently restore calibration data. No manual debugging is required after module replacement, as the system automatically retrieves data to ensure consistent color and brightness across the entire screen.



◆ Flexible & Cuttable, Versatile Adaptation

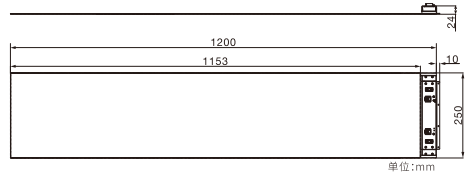
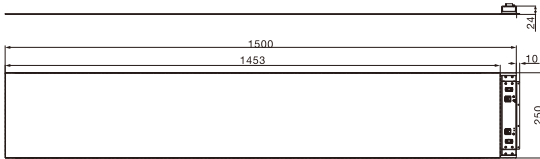
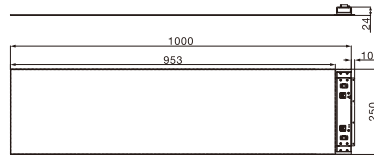
The screen is not only flexible and bendable to fit curved and irregular spaces, but also can be flexibly cut according to scenarios, truly realizing customized creative display.



◆ Ultra-Light & Ultra-Thin, Boundless Applications

With a weight of only 2kg/m² and a thickness as thin as 1.8mm, its extreme thinness and lightness allow it to be easily integrated into various special application scenarios such as glass curtain walls, windows and exhibition halls without occupying extra space.

Specifications



单位:mm

Model	U3		U6	
LED Specification	2121		2121	
Pixel Pitch (mm)(horizontal / vertical)	3.91-3.91		6.25-6.25	
Pixel Density(dot/m ²)	65536		25600	
Transparency Rate	92%		95%	
Profile Dimension (mm) (w*h)	250*1000/250*1199/250*1500		250*1000/250*1200/250*1500	
Display Dimension (mm) (w*h)	Module Non-Coplanarity 250*1000/250*1199/250*1500	Module Coplanarity 250*953/250*1152/250*1453	Module Non-Coplanarity 250*1000/250*1200/250*1500	Module Coplanarity 250*953/250*1153/250*1453
Resolution (dot) (w*h)	Module Non-Coplanarity 64*256/64*307/64*384	Module Coplanarity 64*244/64*295/64*372	Module Non-Coplanarity 40*160/40*192/40*240	Module Coplanarity 40*152/40*184/40*232
Brightness(cd/m ²)	≥3000(Black Body) ≥4000(White Body), Module Size ≤ 1200mm ≥2000(Black Body) ≥3000(White Body), Module Size ≤ 1500mm		≥3000(Black Body) ≥4000(White Body), Module Size ≤ 1200mm ≥2000(Black Body) ≥3000(White Body), Module Size ≤ 1500mm	
Calibration Parameters	Module/Receiver Card Flash Calibration Storage		Module/Receiver Card Flash Calibration Storage	
Maximum Power Consumption (w/m ²)	560		560	
Average Power Consumption (w/m ²)	232		232	
Weight (Kg/set)	1.5KG(1000*1000)/1.6KG(1000*1199)/1.7KG(1000*1500)		1.5KG(1000*1000)/1.6KG(1000*1200)/1.7KG(1000*1500)	
Color Temperature(K)	6500		6500	
Scanning Mode	Light & Driver Integrated Static Driving		Light & Driver Integrated Static Driving	
Frame Rate(Hz)	60-120		60-120	
Lifespan	≥100,000.00 hours		≥100,000.00 hours	
Pixel Configuration	16bit		16bit	
Input Voltage	AC100-240V 50/60 Hz		AC100-240V 50/60 Hz	
Power Supply	Chenlian CL-PAS6-300-4.2		Chenlian CL-PAS6-300-4.2	
Receiving Card	B7S/N6S Supports Direct Replacement of the Receiving Card		B7S/N6S Supports Direct Replacement of the Receiving Card	
Working Temperature	Temperature -20°C -50°C		Temperature -20°C -50°C	
Working Humidity	Humidity: 20% -85% (Without Condensation)		Humidity: 20% -85% (Without Condensation)	
Storage Temperature	Temperature -20°C -60°C		Temperature -20°C -60°C	
Storage Humidity	Humidity: 10% -85% (Without Condensation)		Humidity: 10% -85% (Without Condensation)	
Protetion Degree	IP 20		IP 20	
Installation Method	Hanging Up, Fixed Mounting, PCB Side Glued		Hanging Up, Fixed Mounting, PCB Side Glued	
Installation Environment	Indoor		Indoor	
Packing Way	Pearl Cotton+Wooden Box/Flight Case		Pearl Cotton+Wooden Box/Flight Case	

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



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